

Program EVALPLOT  
(Version 2021-1)

by

Dermott E. Cullen  
(Present Contact Information)

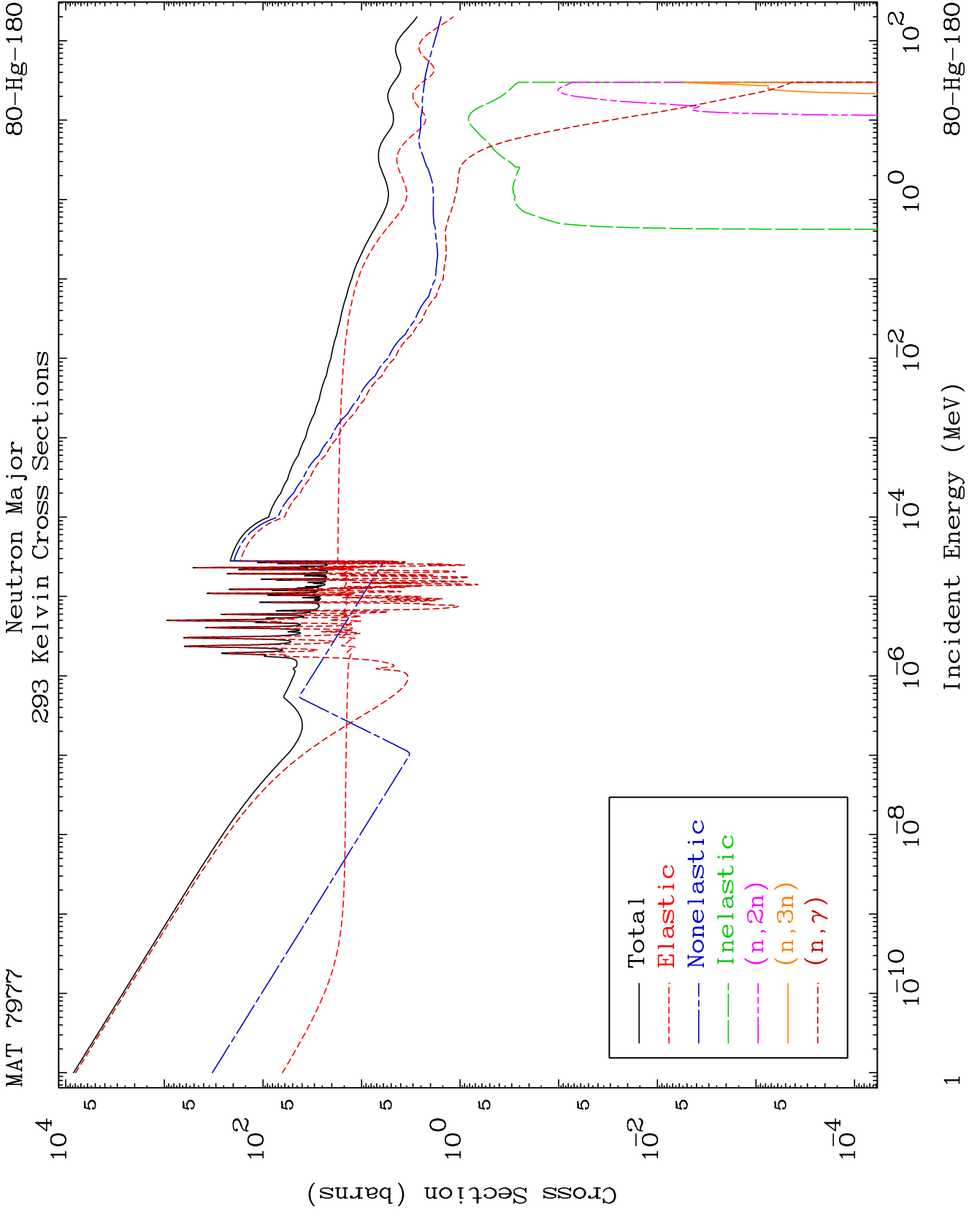
Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550  
U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

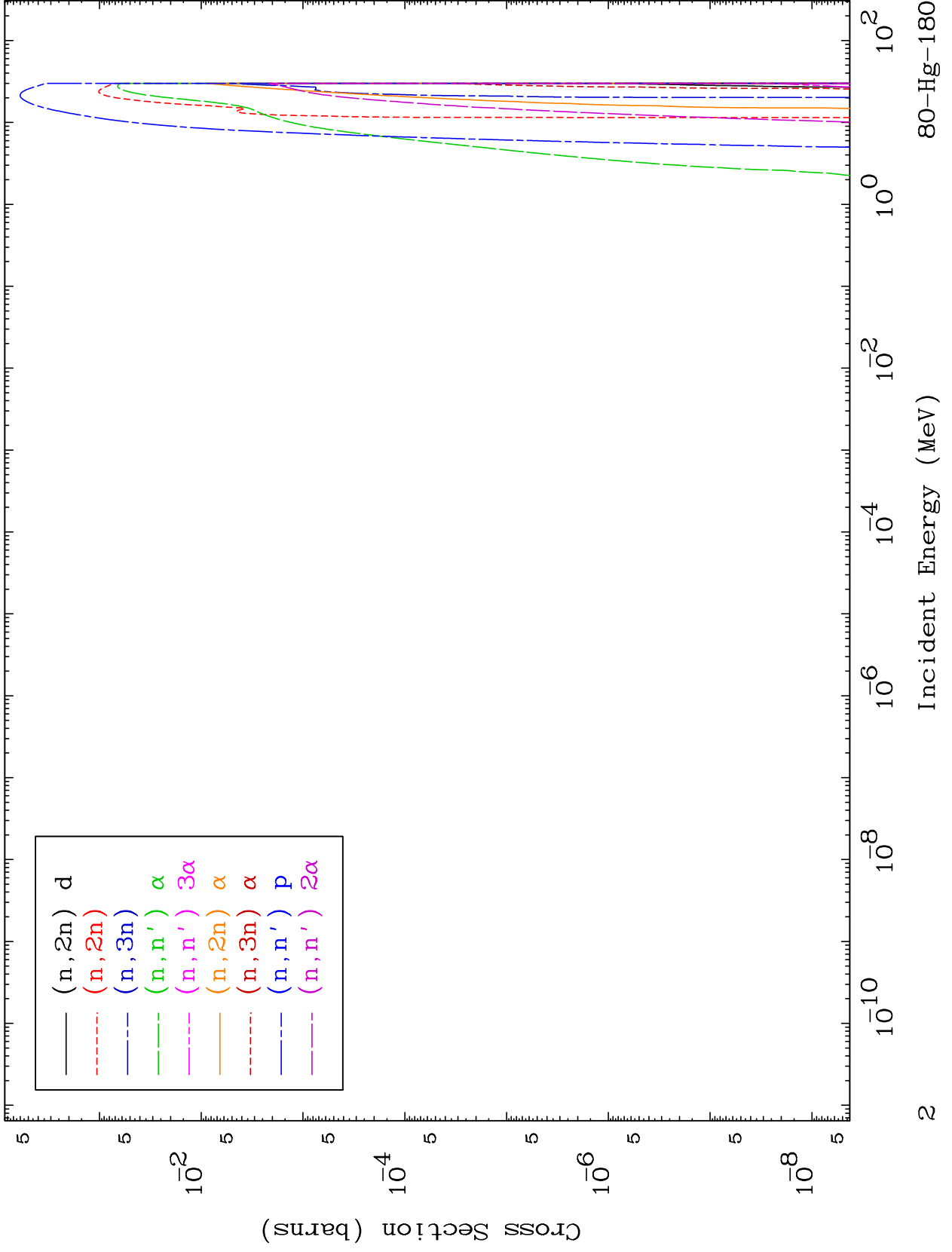
Press Mouse Button to Start

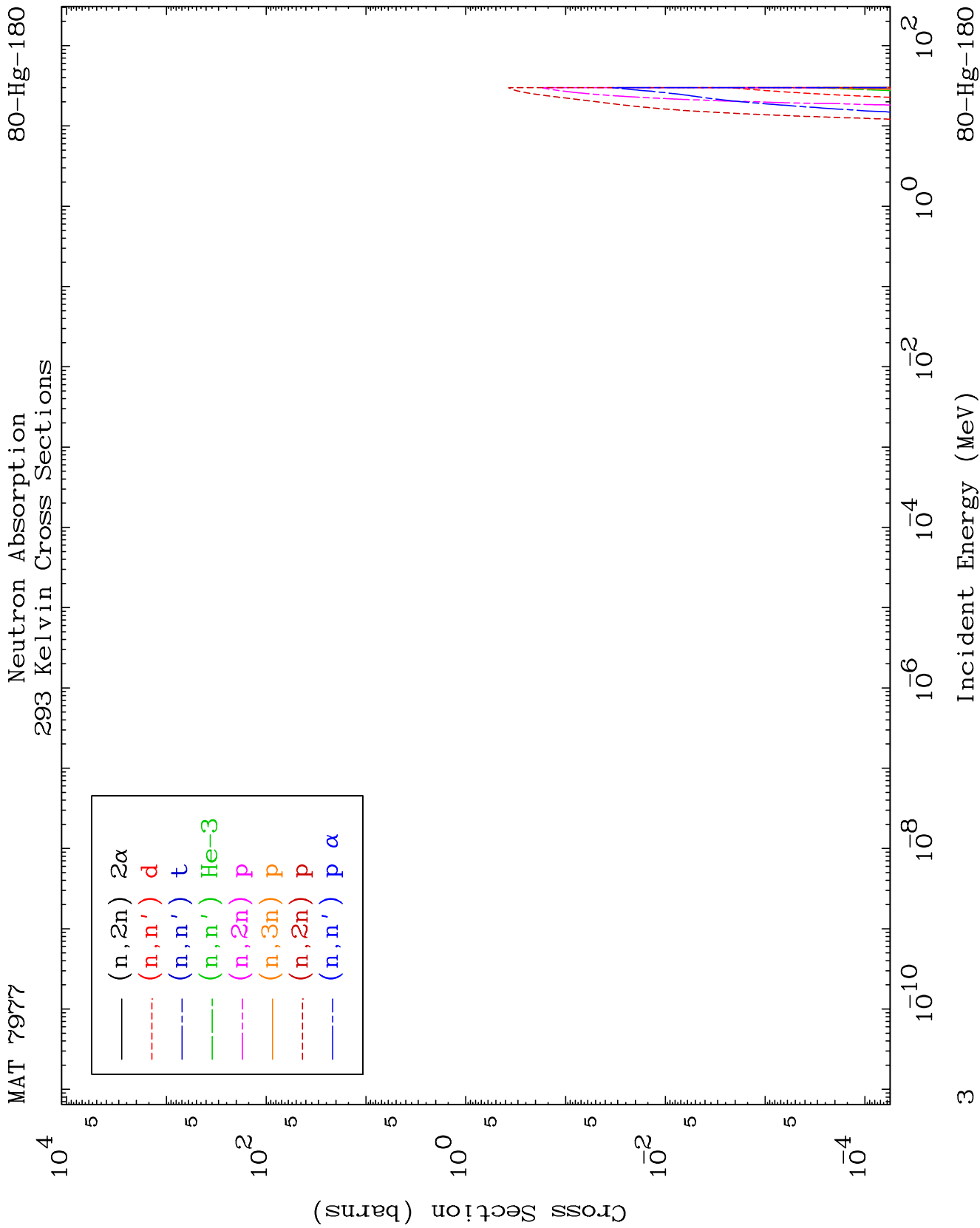


MAT 7977

Neutron Absorption  
293 Kelvin Cross Sections

80-Hg-180

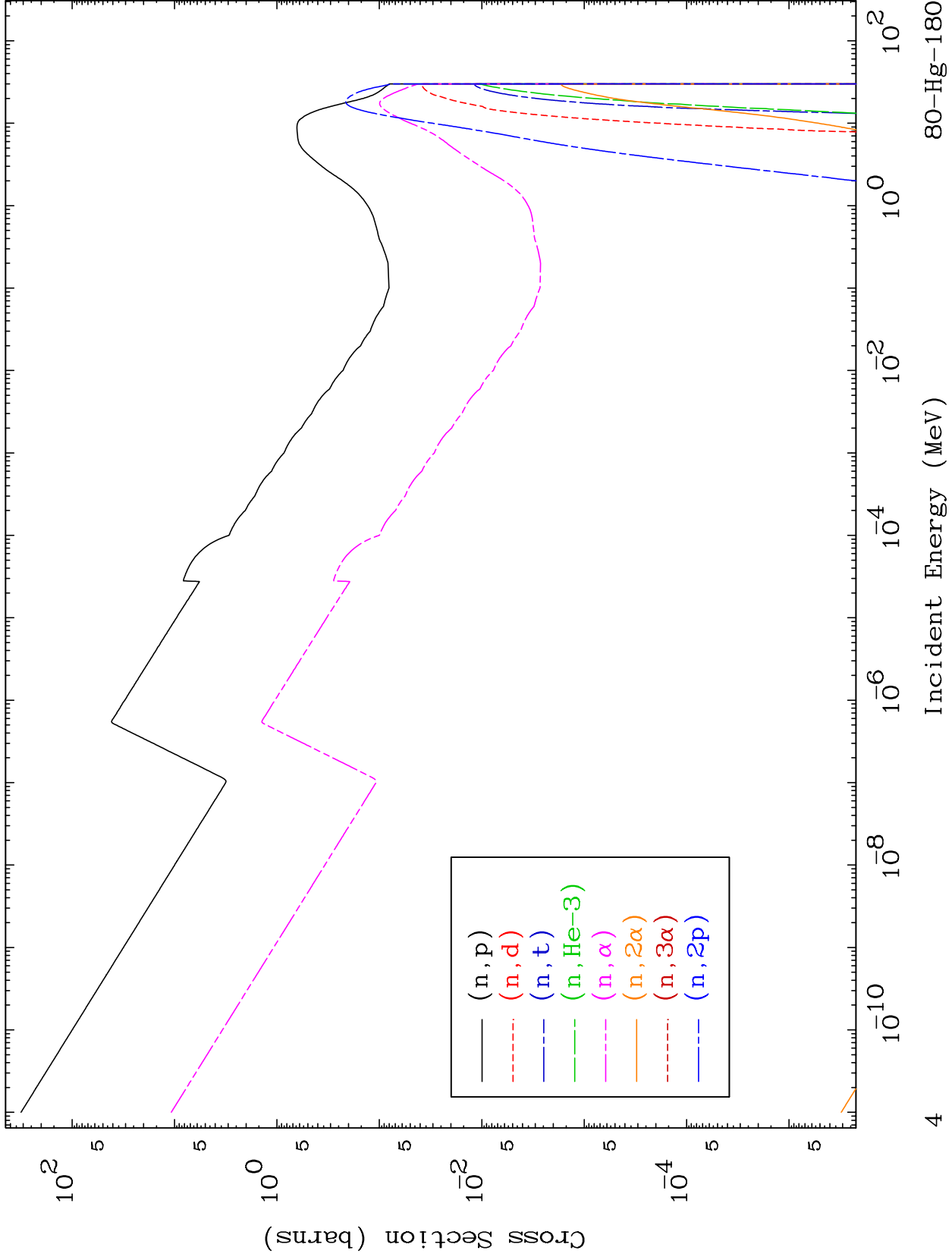




MAT 7977

Neutron Absorption  
293 Kelvin Cross Sections

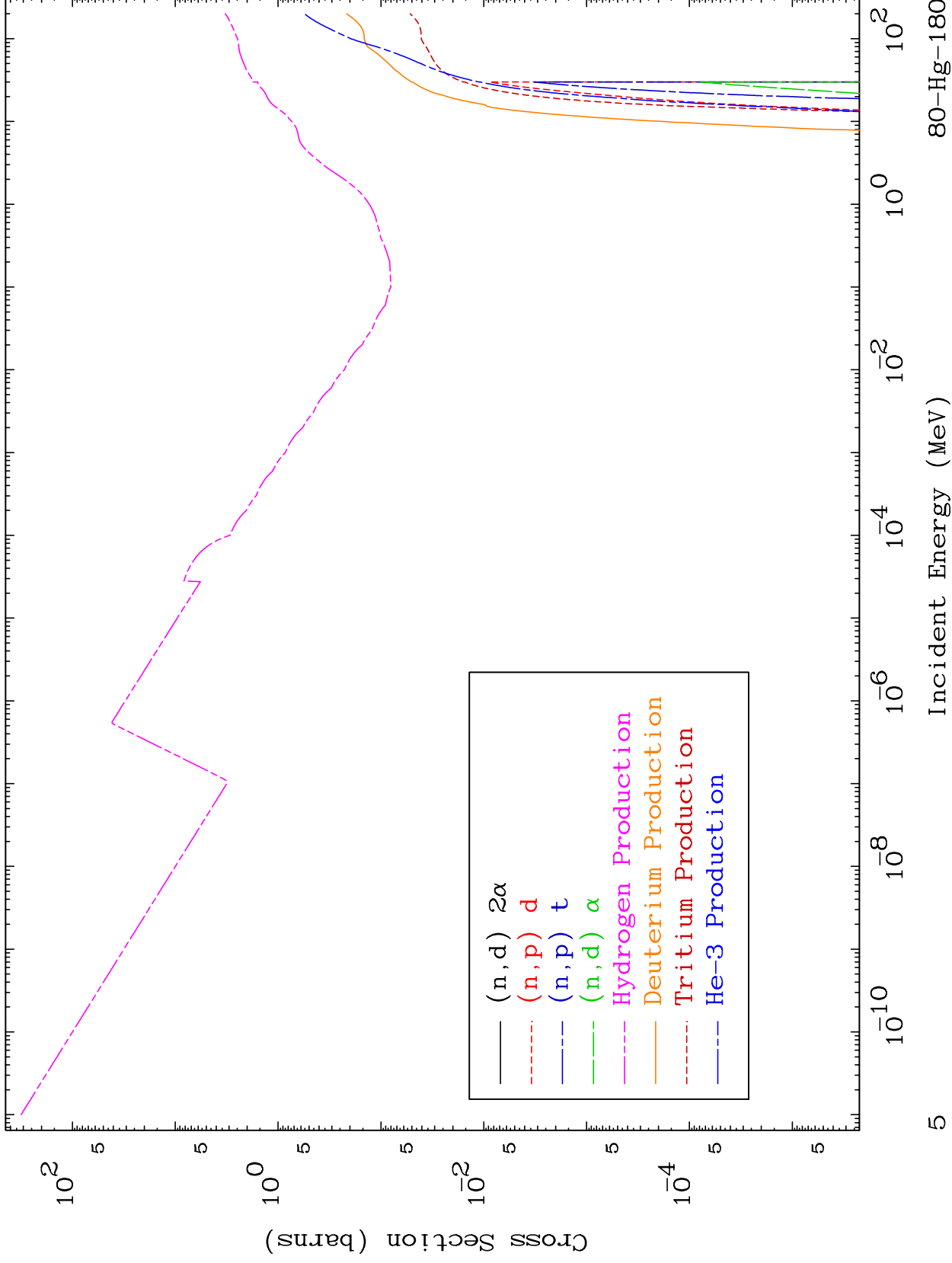
80-Hg-180



MAT 7977

Neutron Absorption  
293 Kelvin Cross Sections

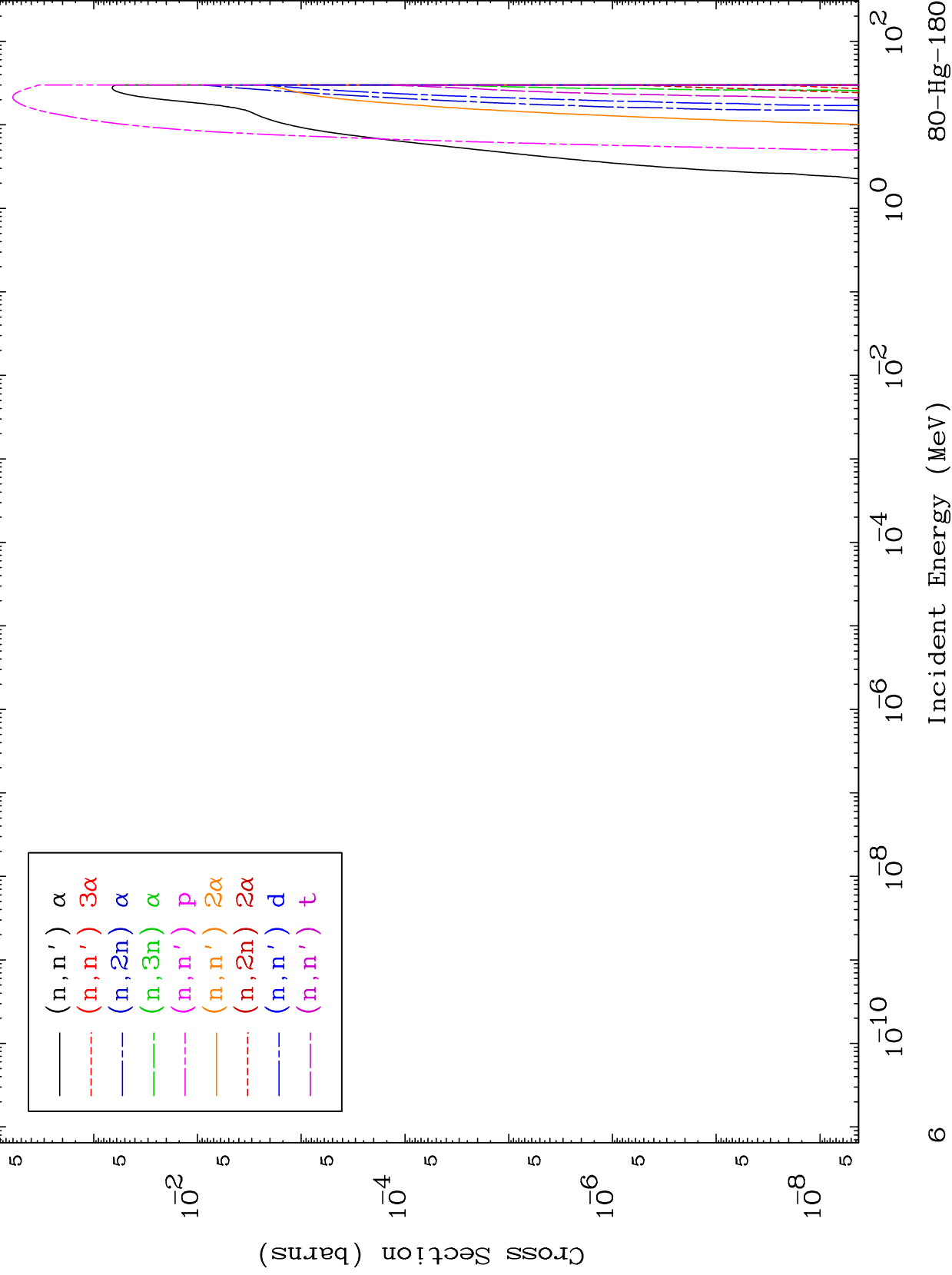
80-Hg-180



MAT 7977

Charged Particle  
293 Kelvin Cross Sections

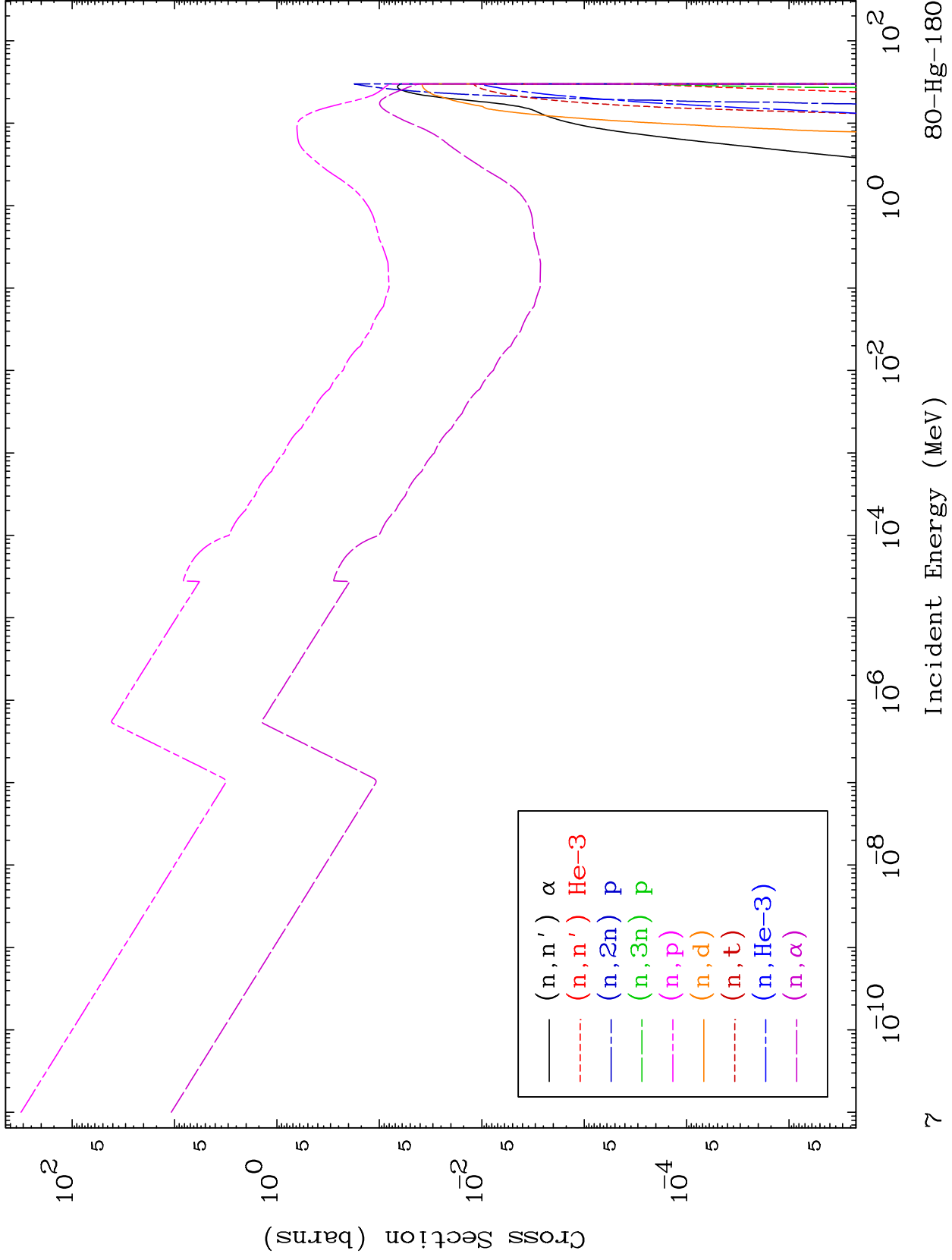
80-Hg-180

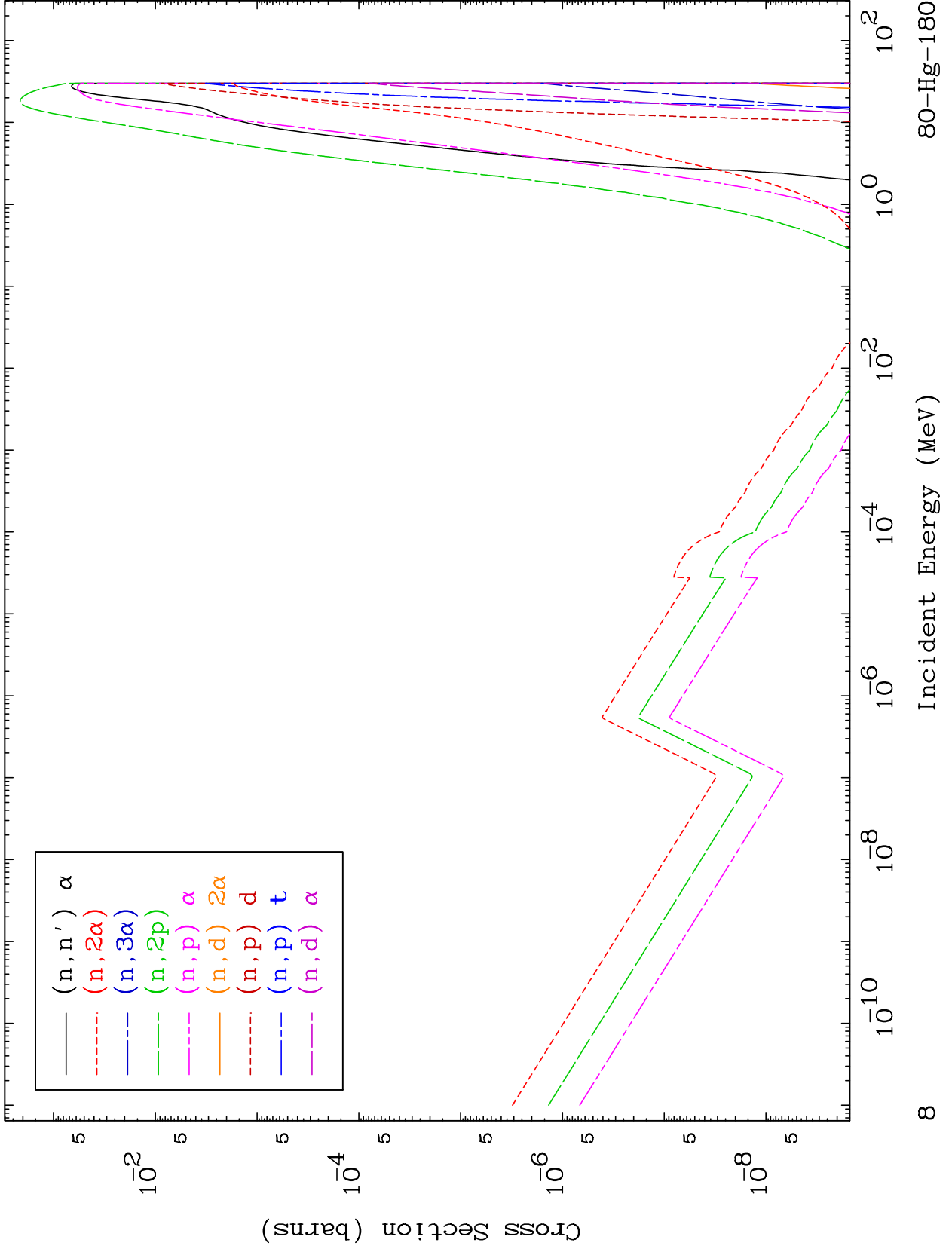


MAT 7977

Charged Particle  
293 Kelvin Cross Sections

80-Hg-180

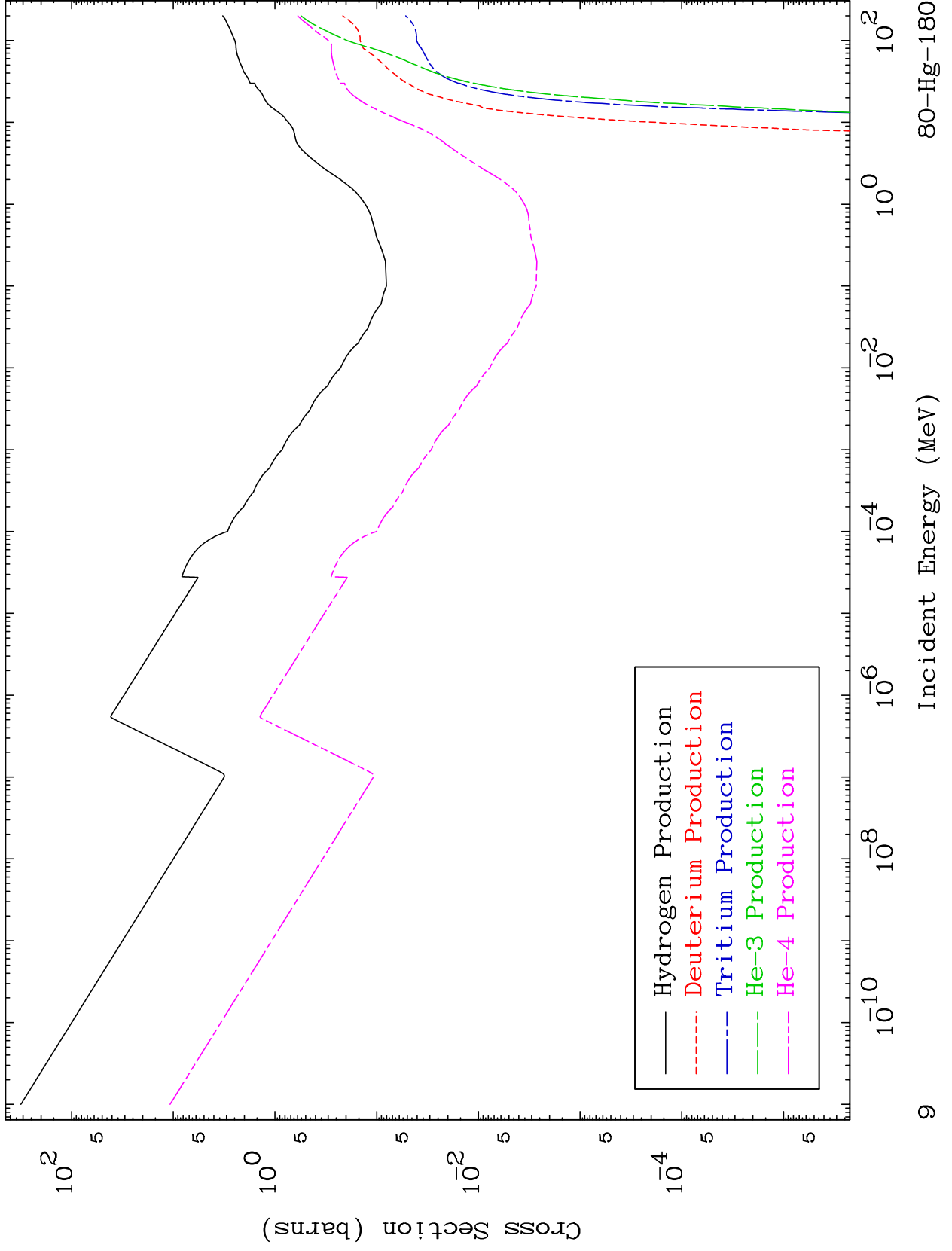


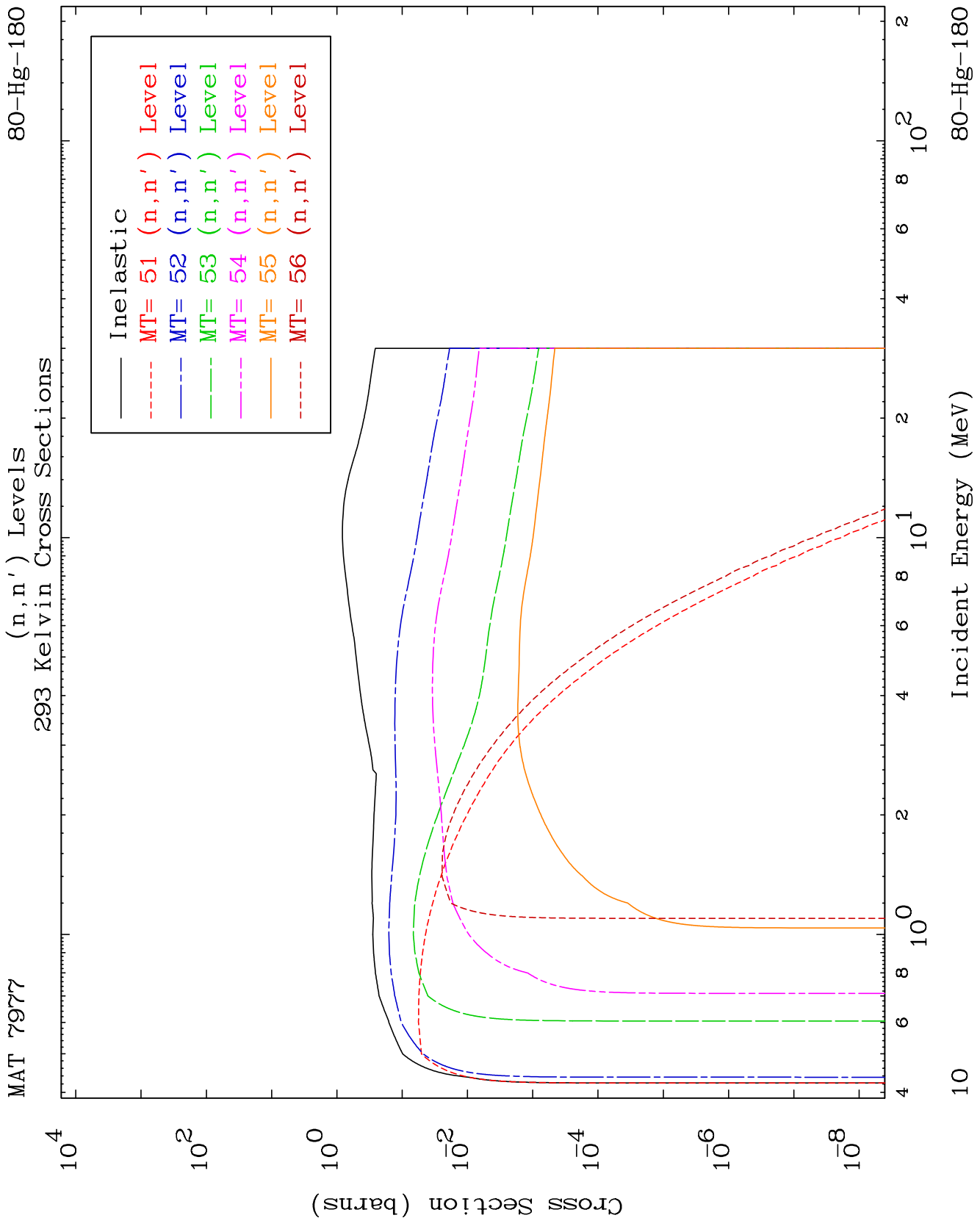


MAT 7977

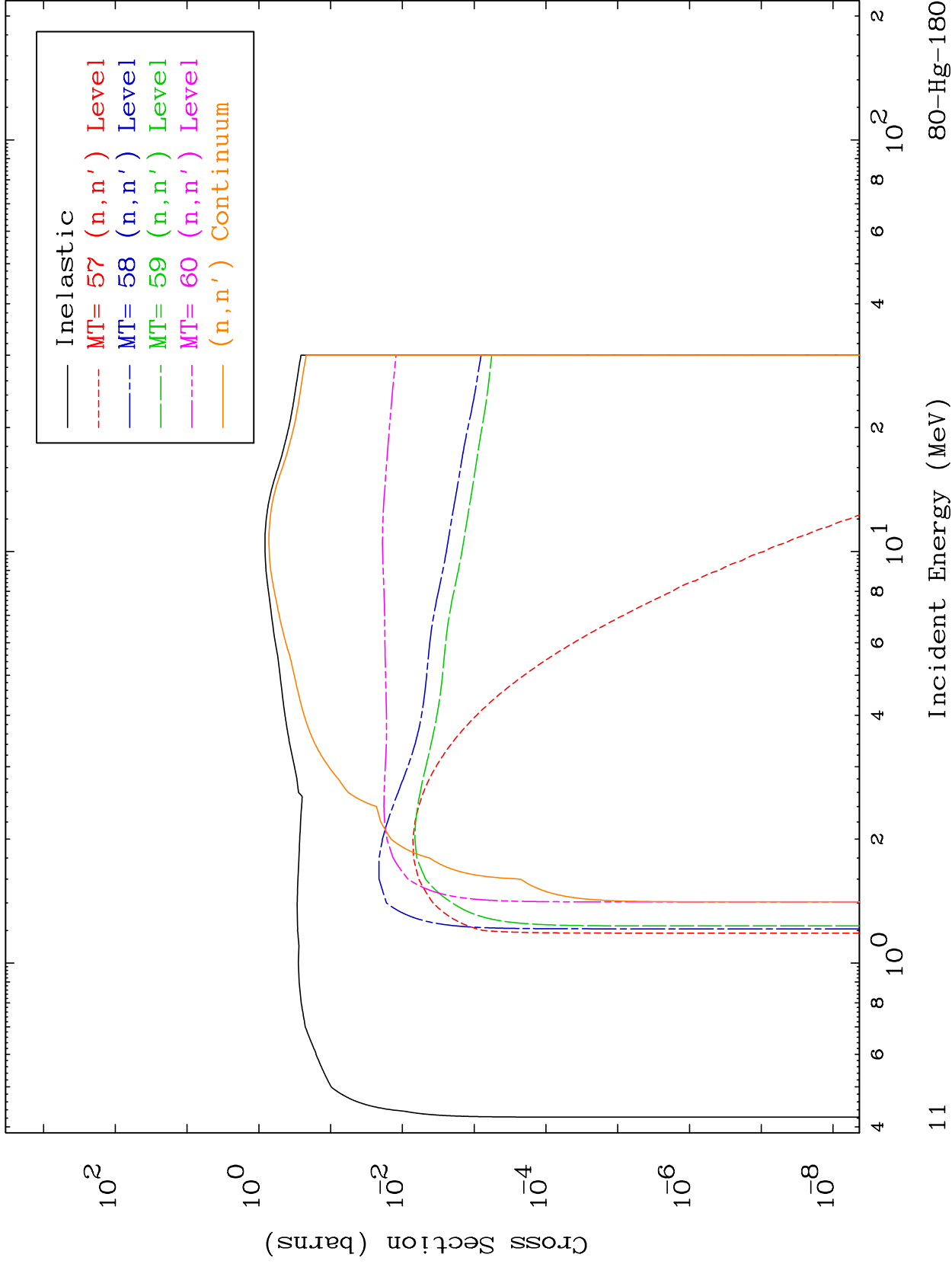
Particle Production  
293 Kelvin Cross Sections

80-Hg-180





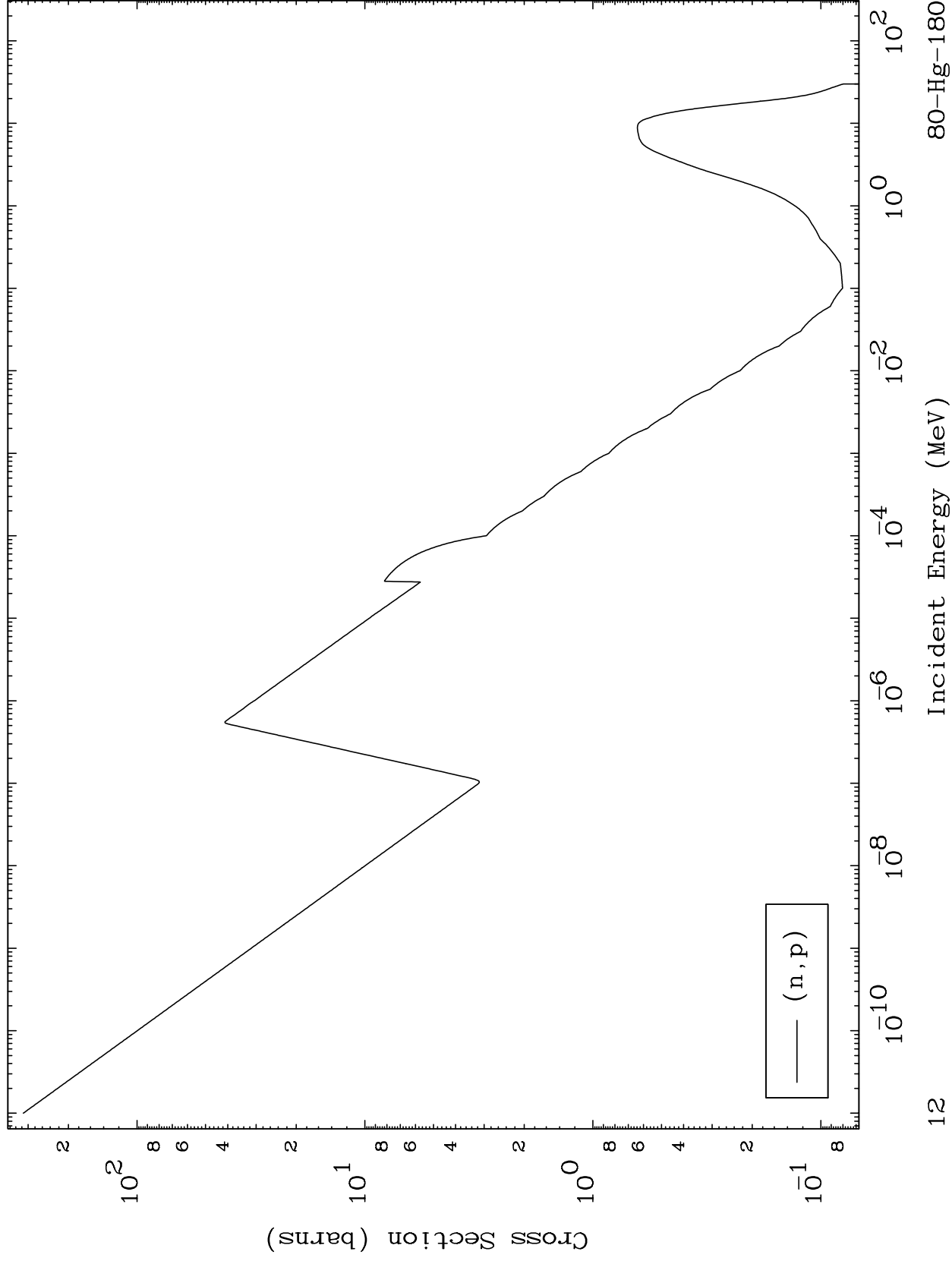
293 Kelvin Cross Sections



MAT 7977

(n,p) Levels  
293 Kelvin Cross Sections

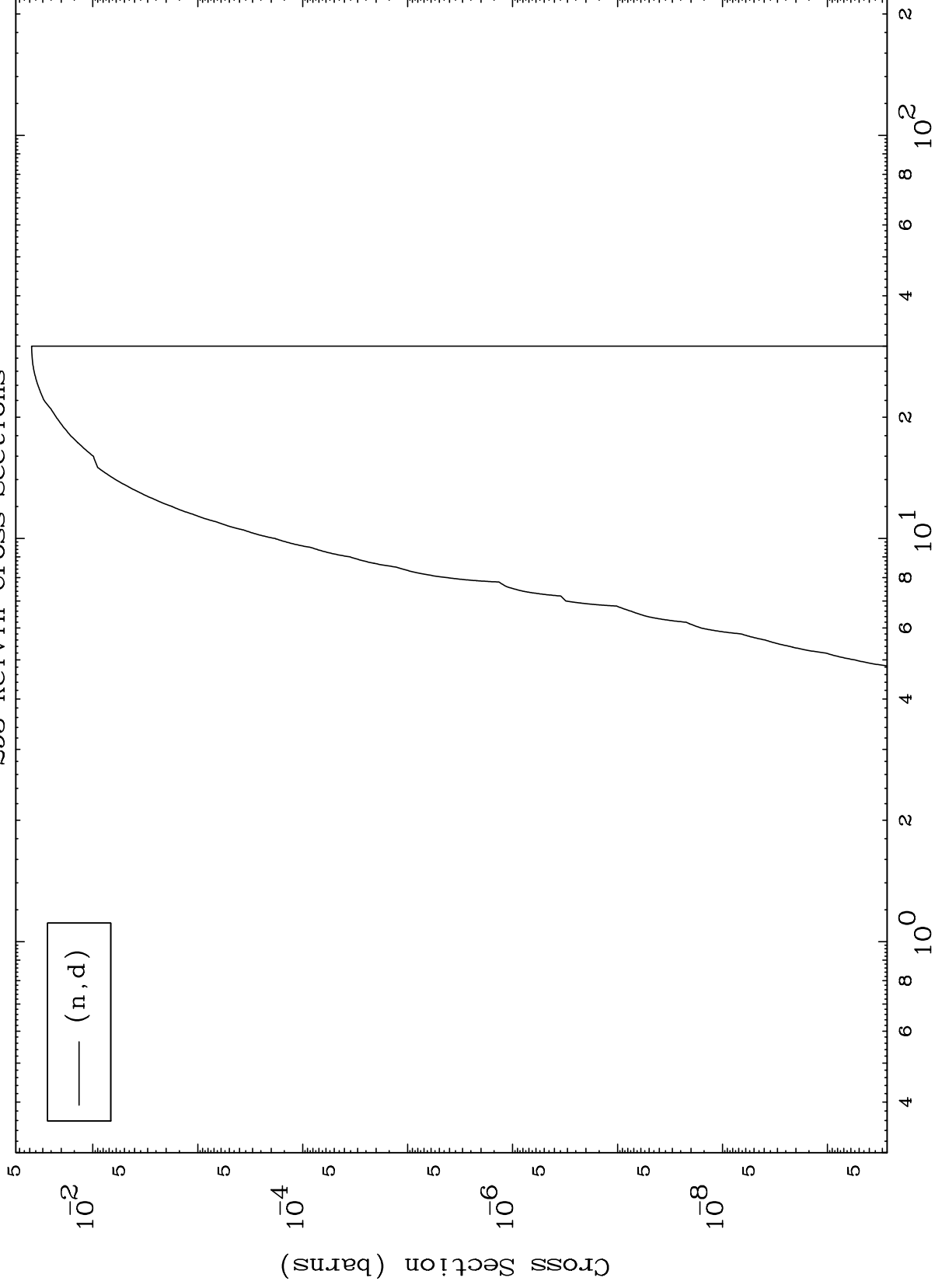
80-Hg-180



MAT 7977

(n,d) Levels  
293 Kelvin Cross Sections

80-Hg-180



13

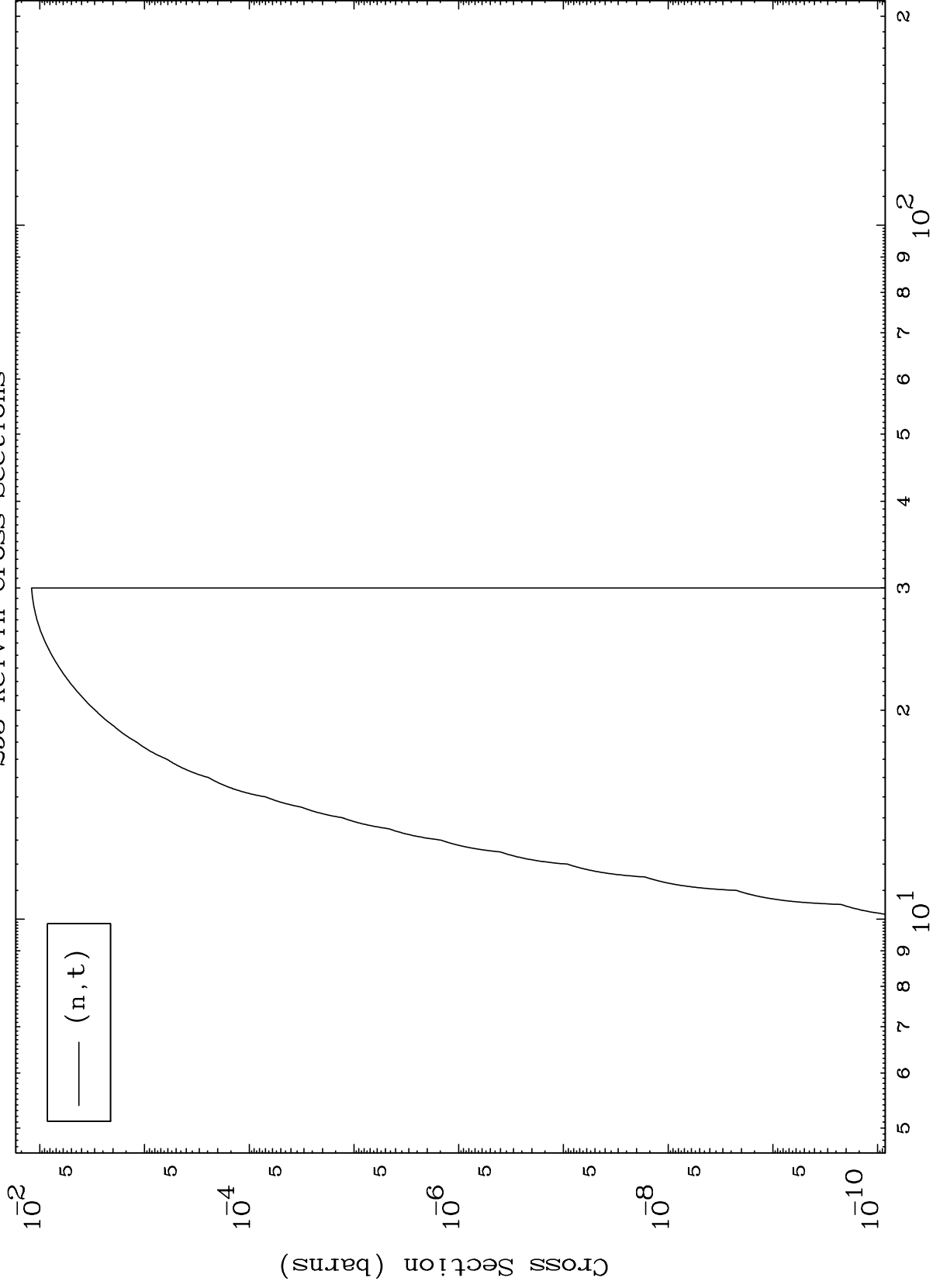
Incident Energy (MeV)

80-Hg-180

MAT 7977

(n,t) Levels  
293 Kelvin Cross Sections

80-Hg-180



14

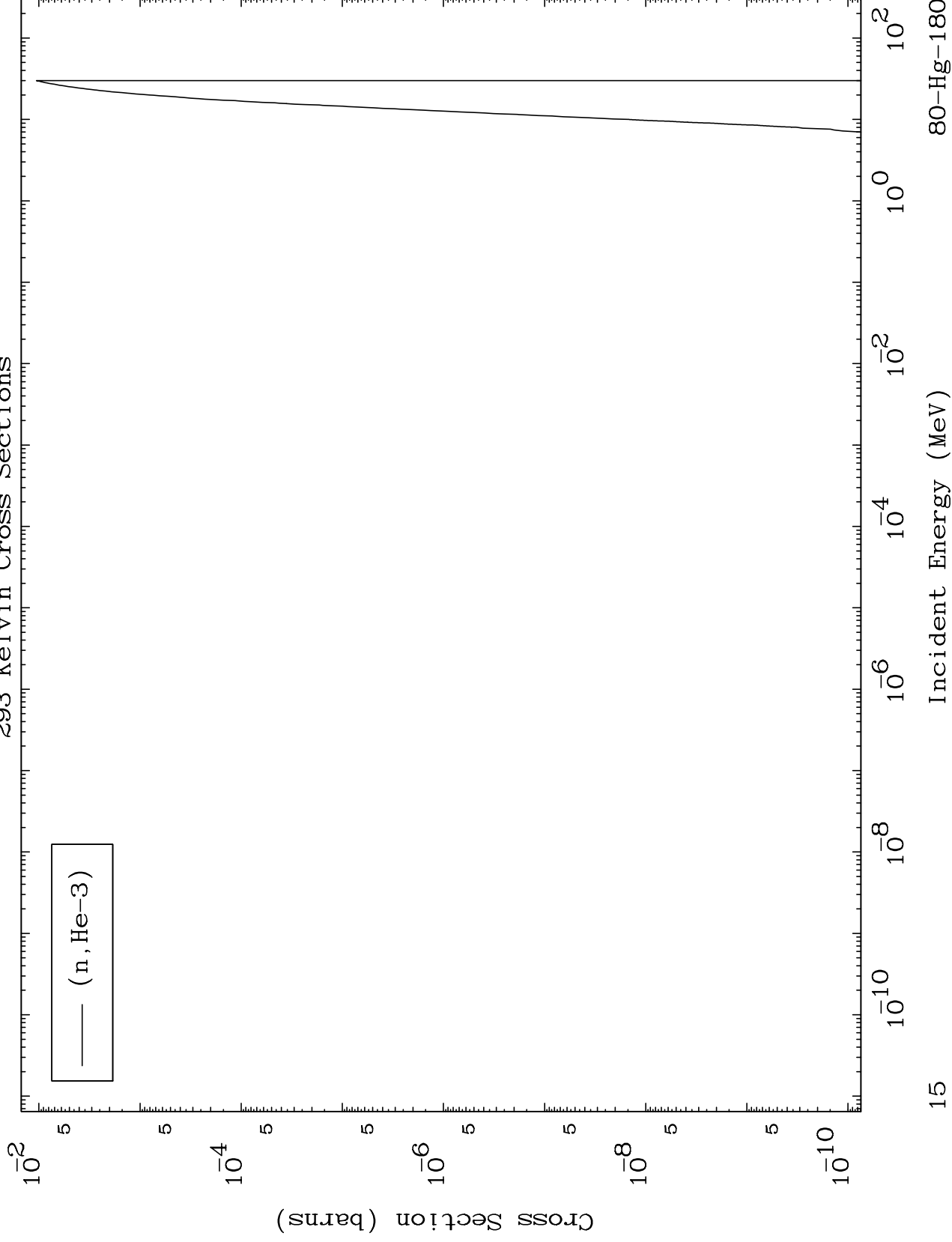
Incident Energy (MeV)

80-Hg-180

MAT 7977

(n,He3) Levels  
293 Kelvin Cross Sections

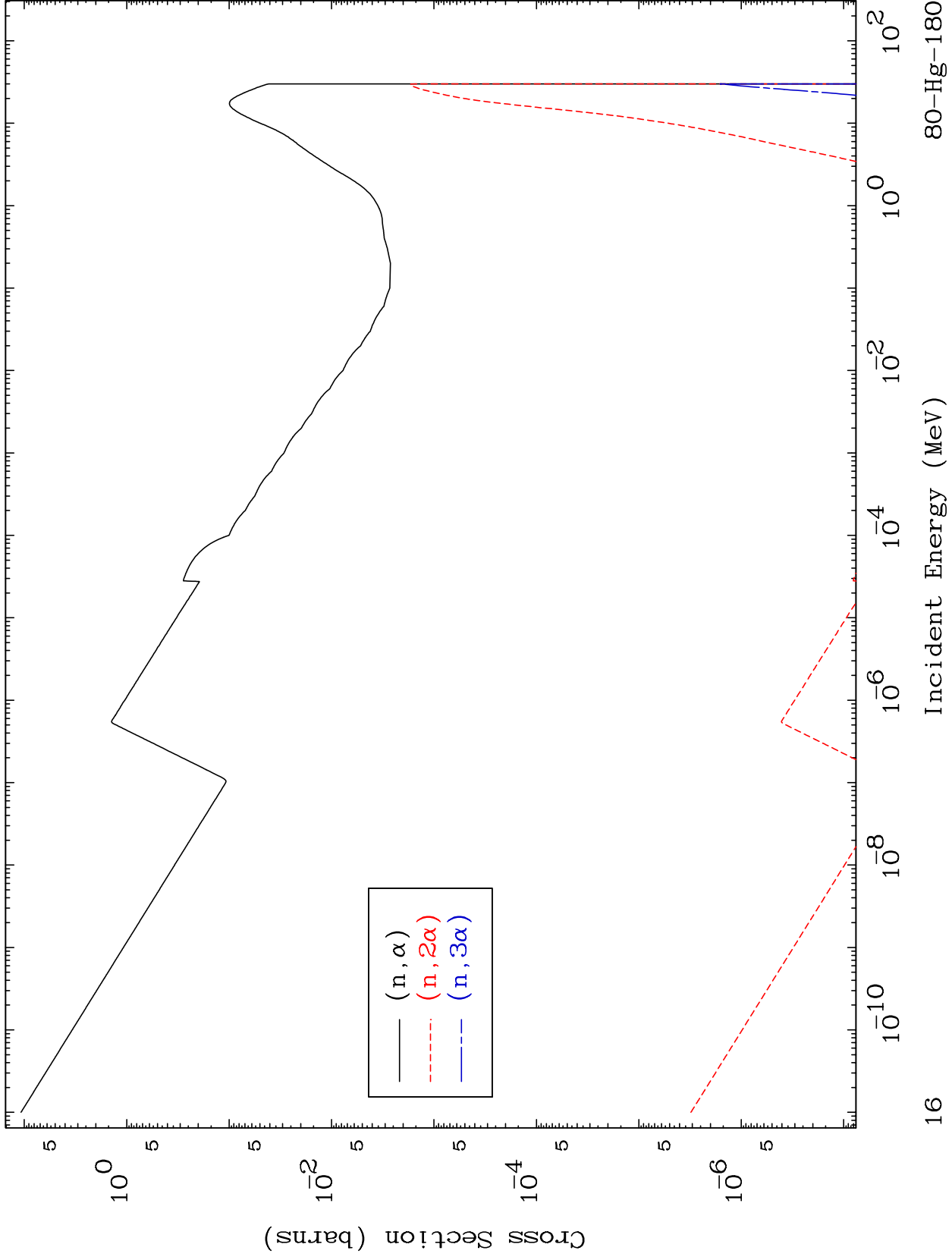
80-Hg-180

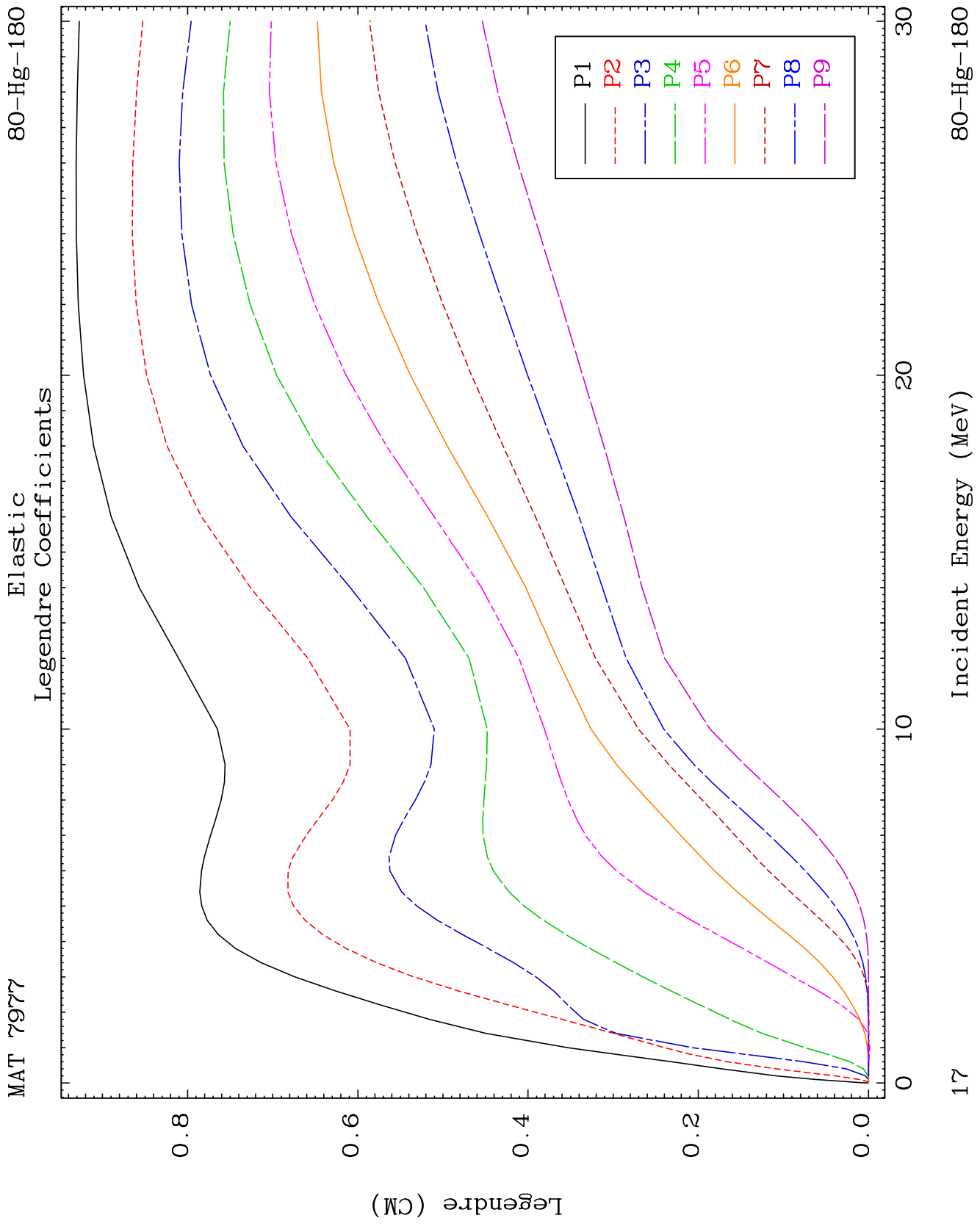


MAT 7977

(n,α) Levels  
293 Kelvin Cross Sections

80-Hg-180

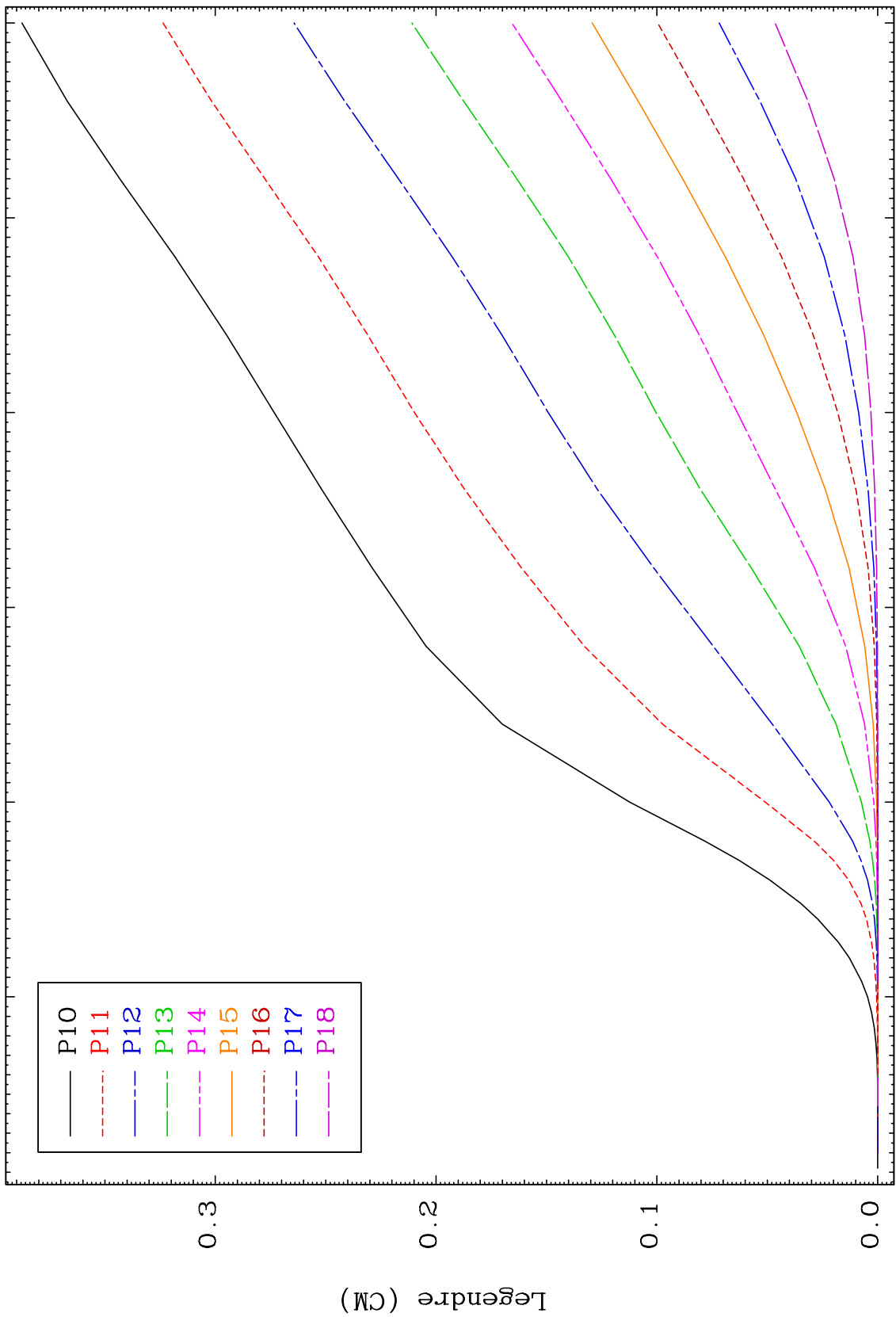




MAT 7977

Elastic Legendre Coefficients

80-Hg-180



18

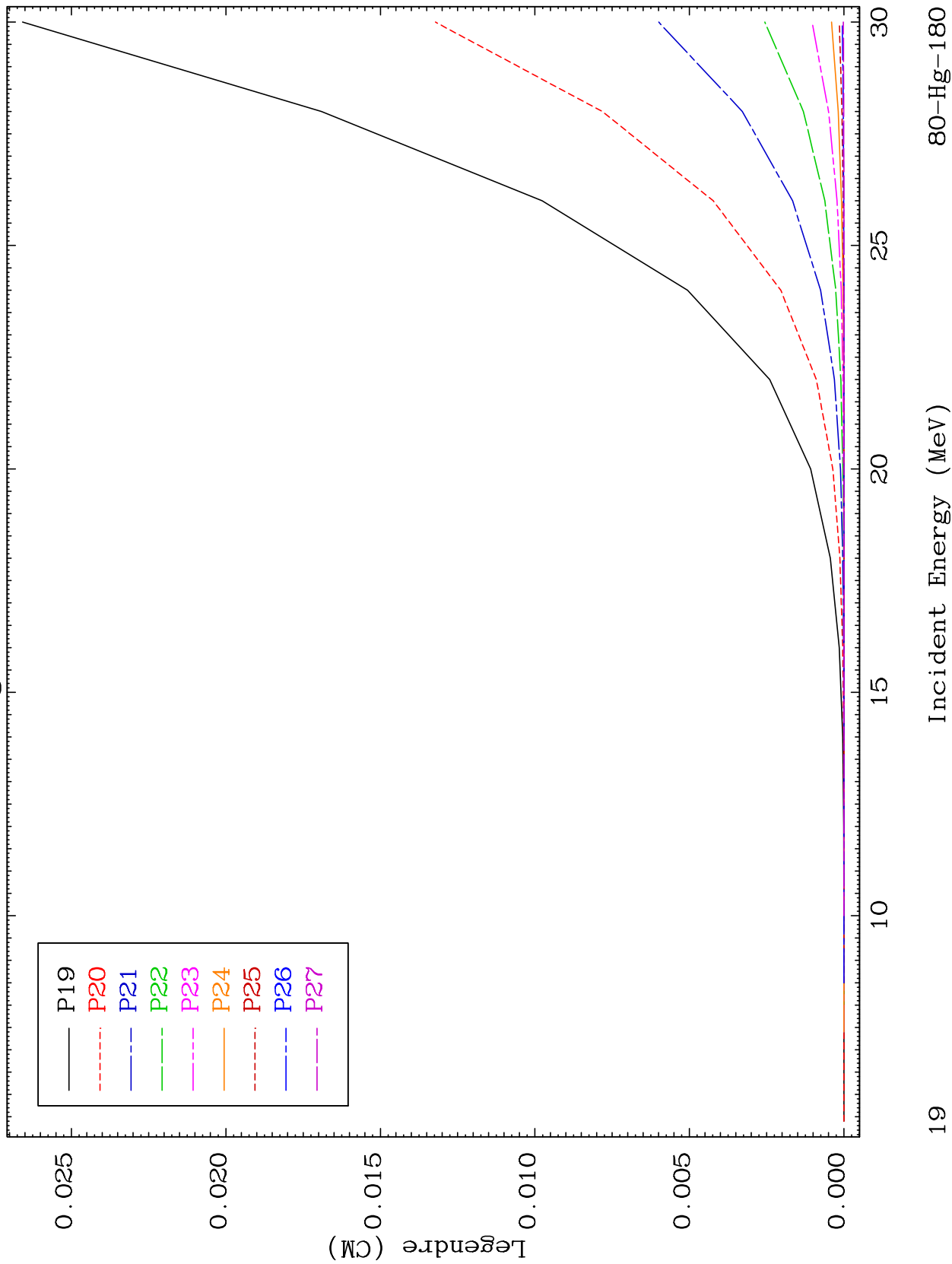
Incident Energy (MeV)

80-Hg-180

MAT 7977

Elastic Legendre Coefficients

80-Hg-180



19

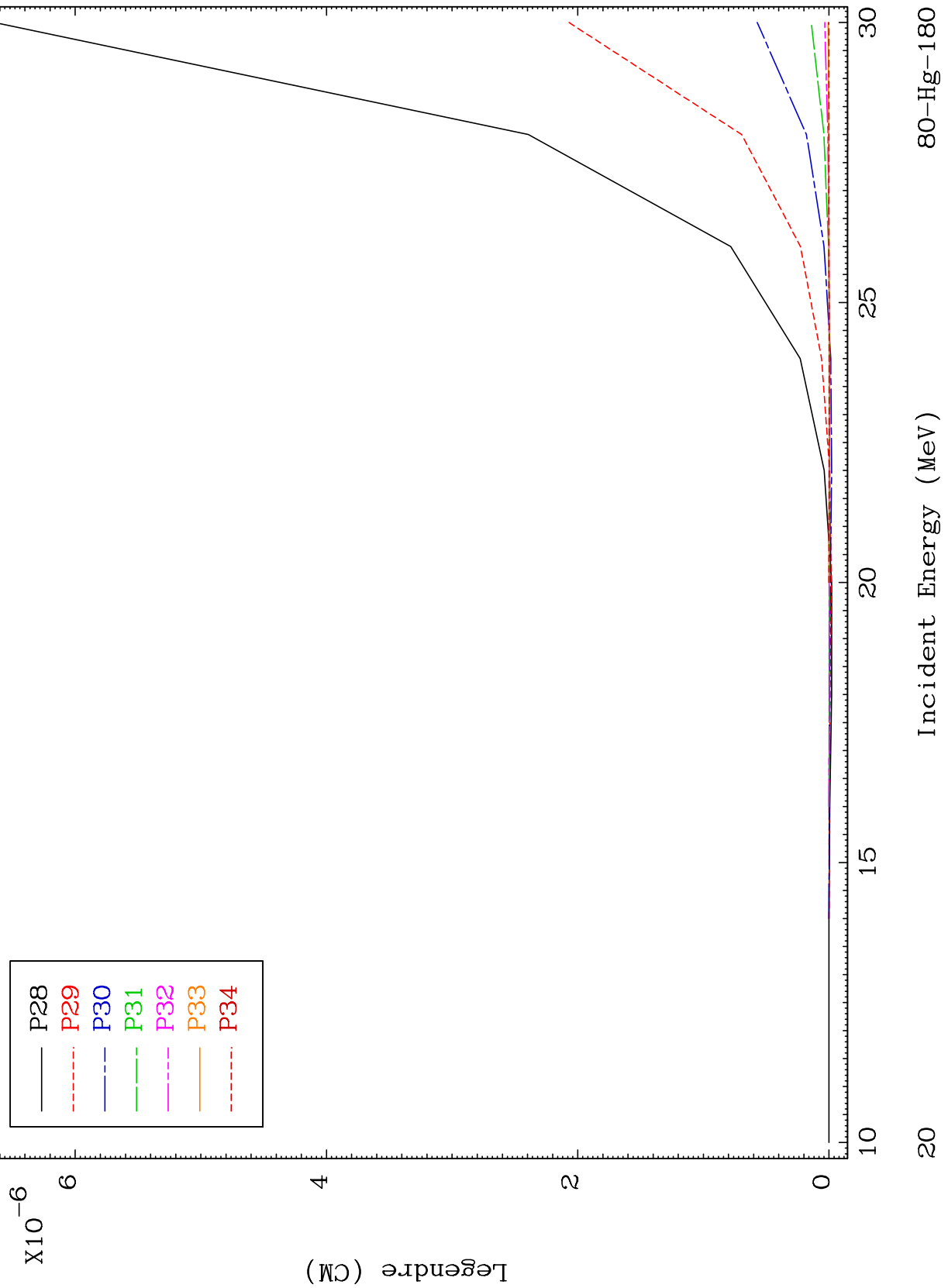
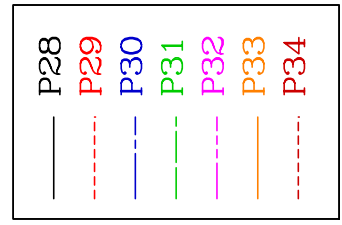
80-Hg-180

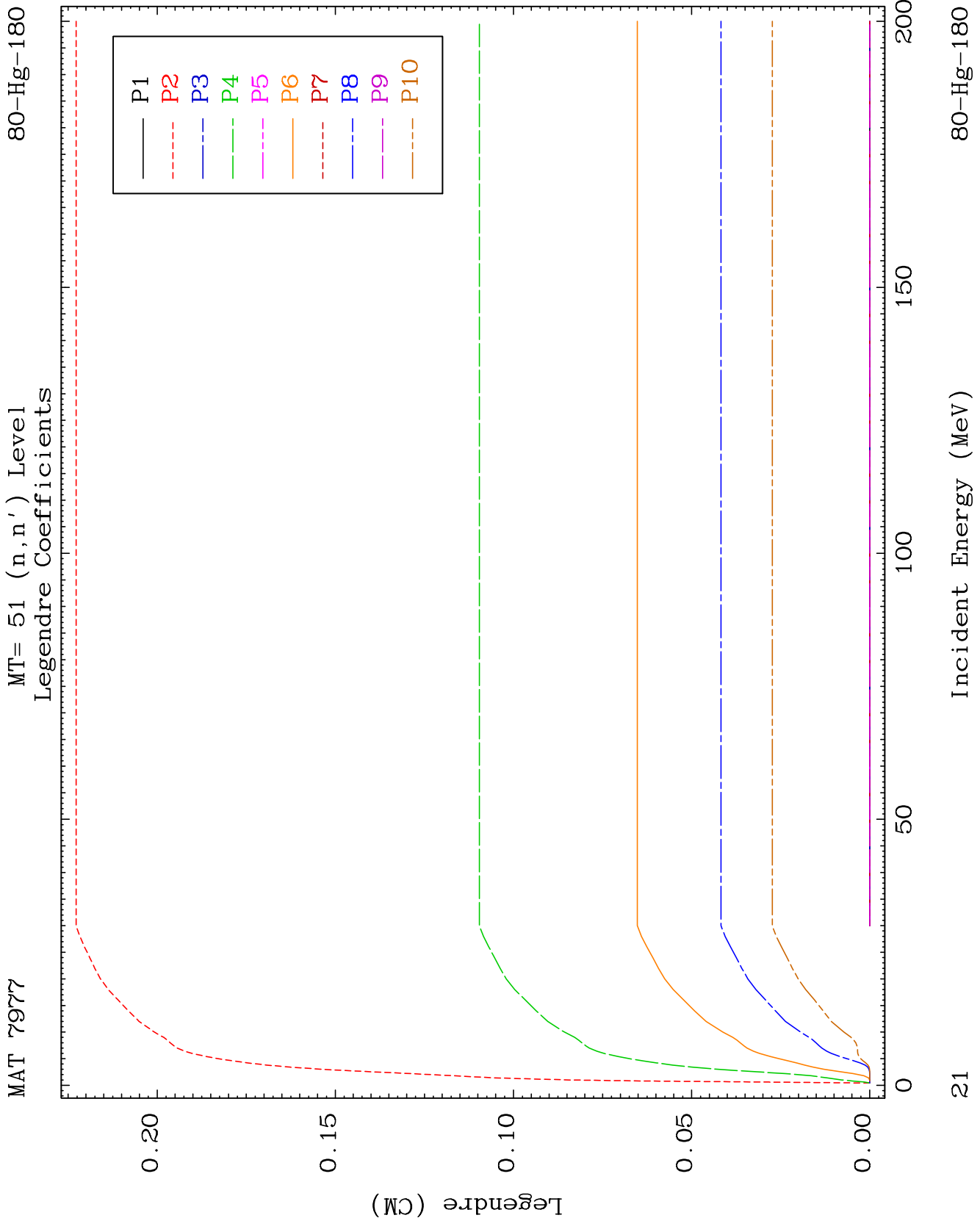
Incident Energy (MeV)

MAT 7977

Elastic Legendre Coefficients

80-Hg-180

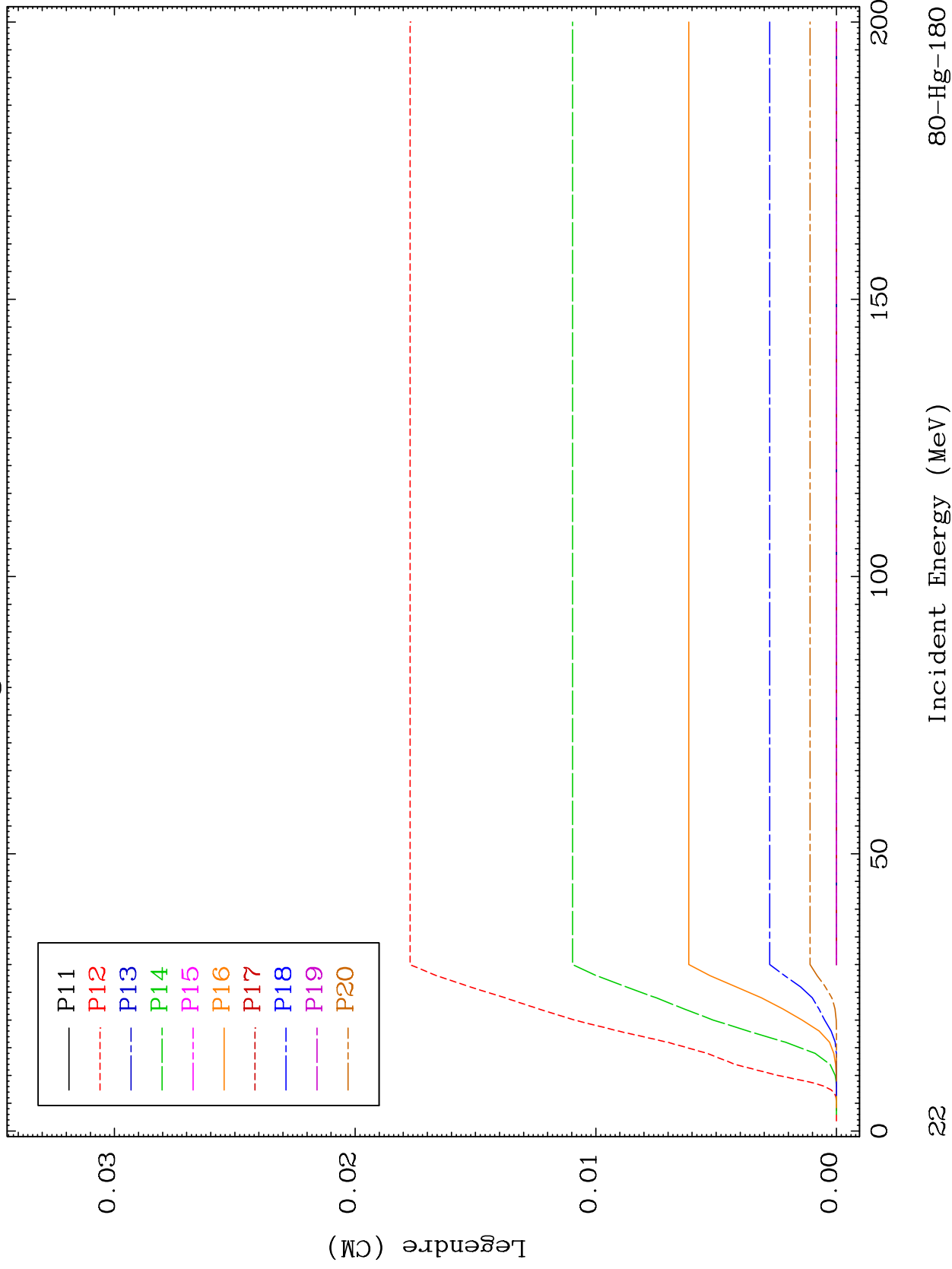




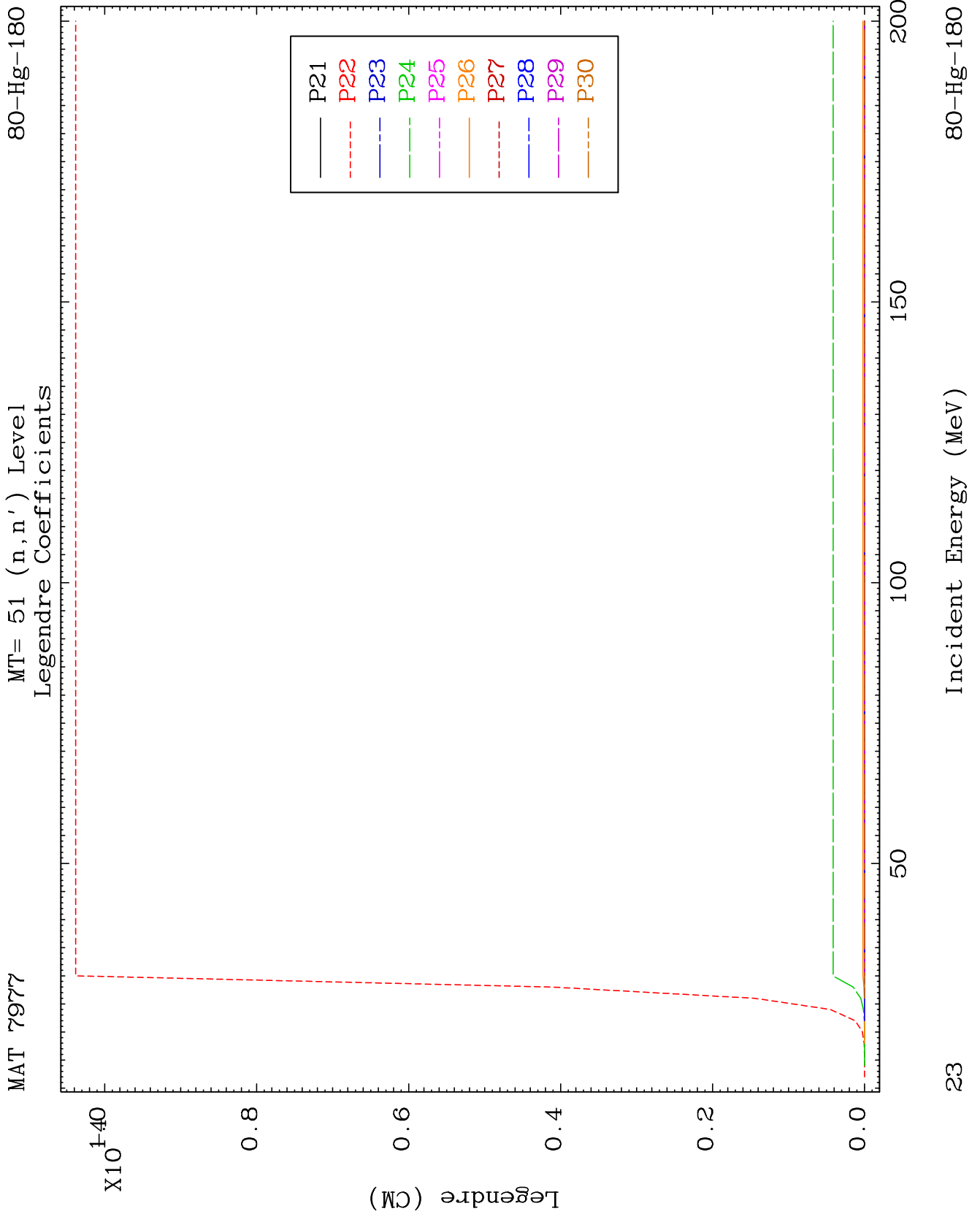
MAT 79777

MT= 51 (n,n') Level  
Legendre Coefficients

80-Hg-180



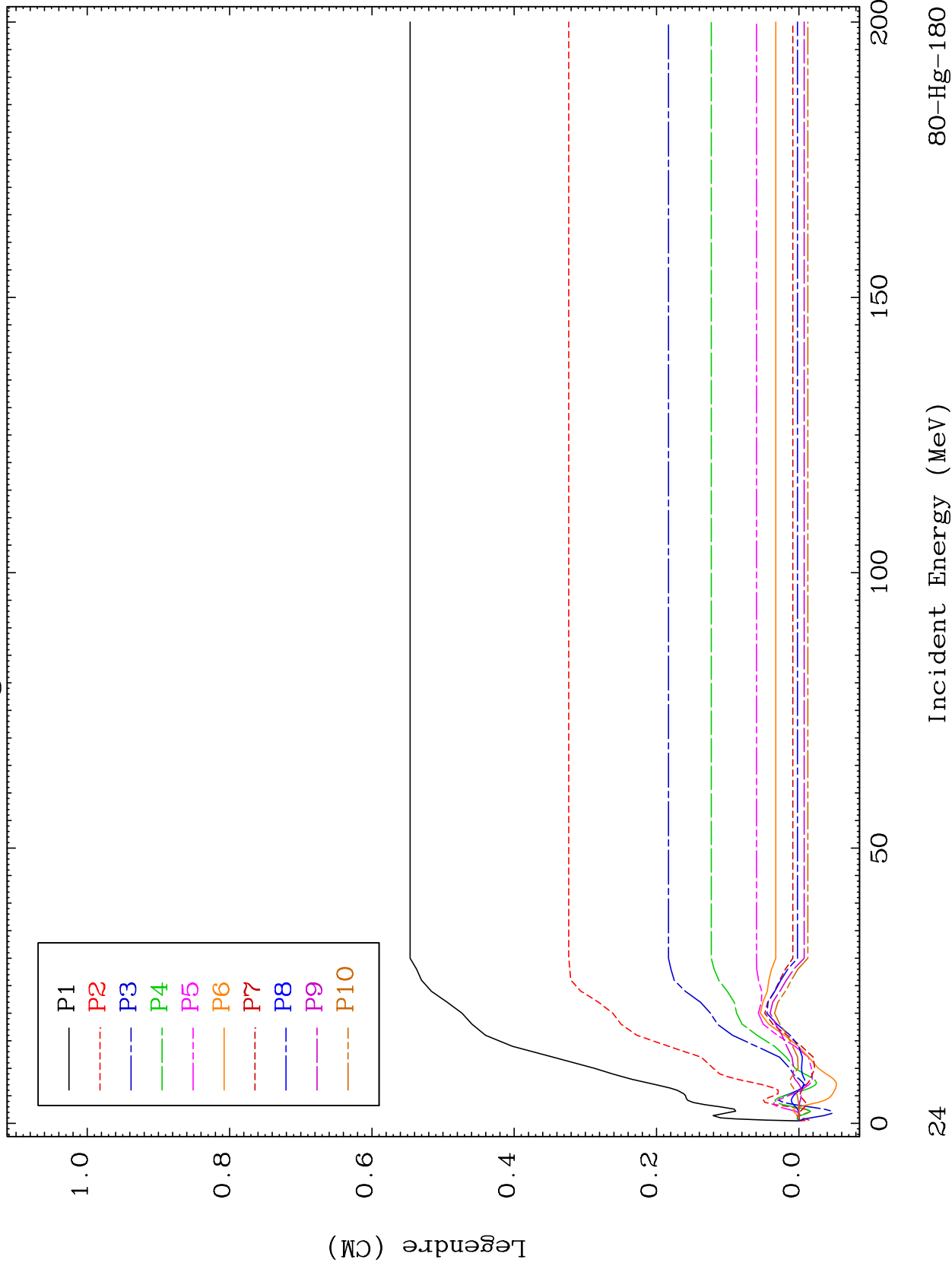
22



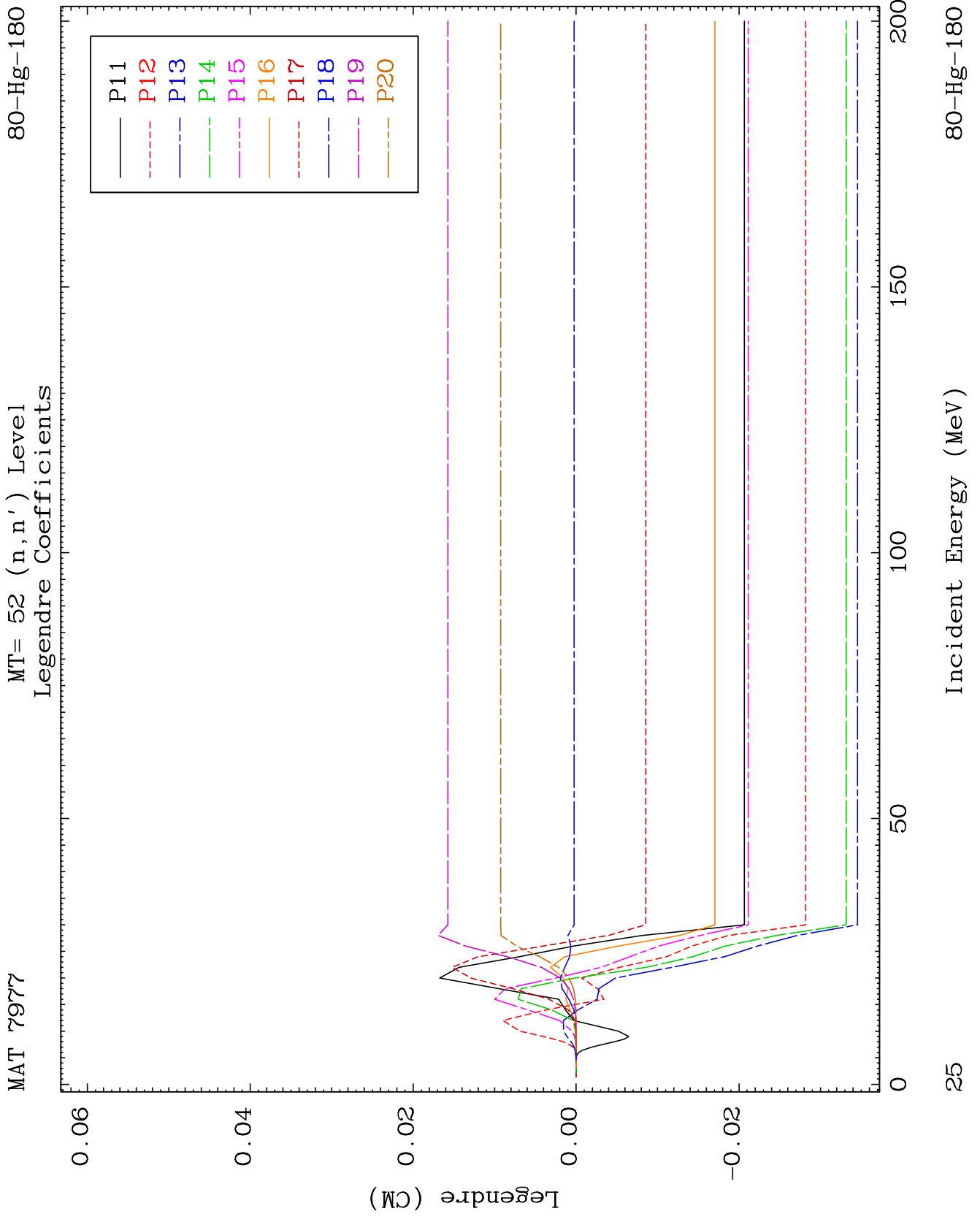
MAT 7977

MT= 52 (n,n') Level  
Legendre Coefficients

80-Hg-180



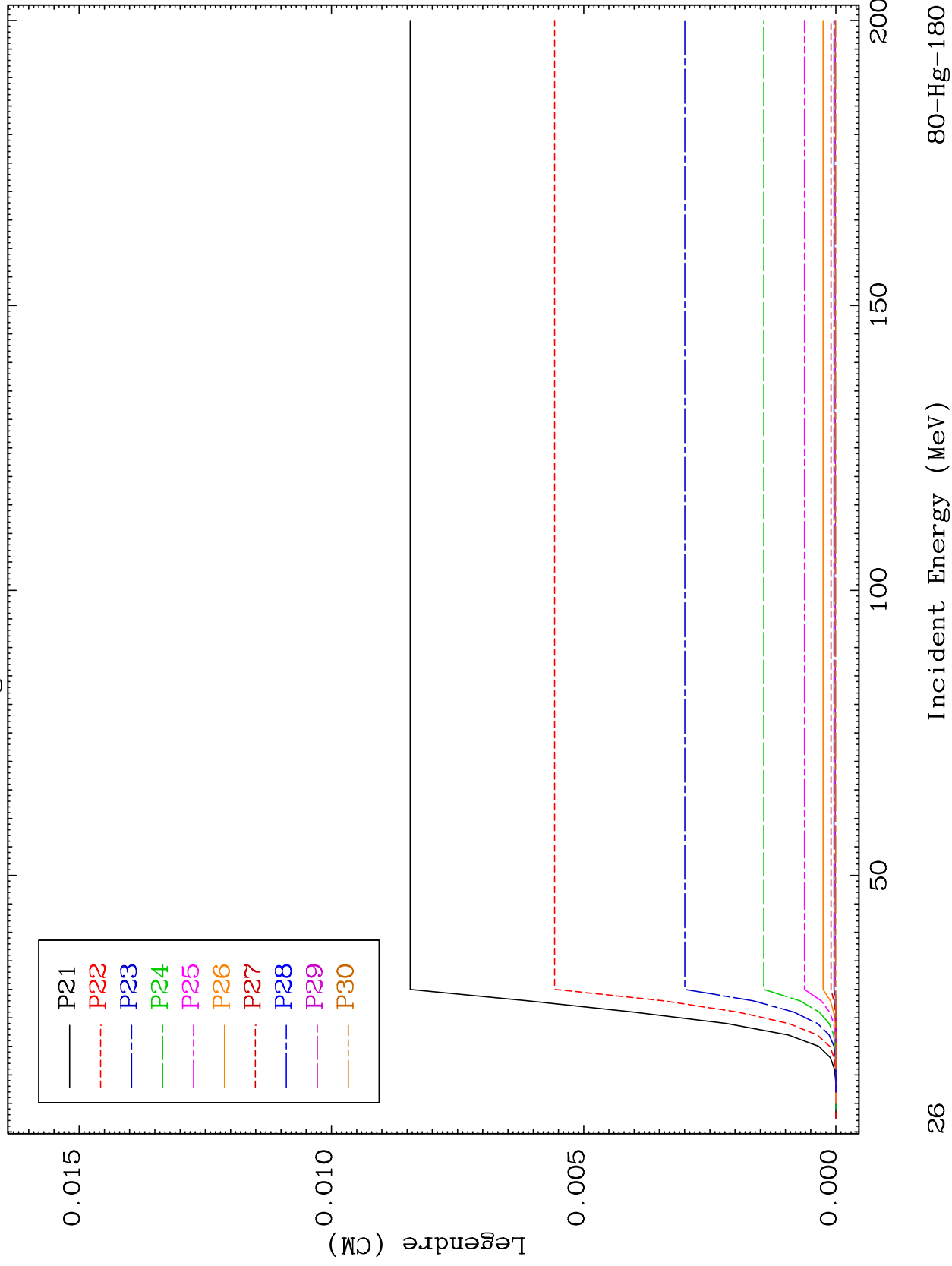
24



MAT 7977

MT= 52 (n,n') Level  
Legendre Coefficients

80-Hg-180



26

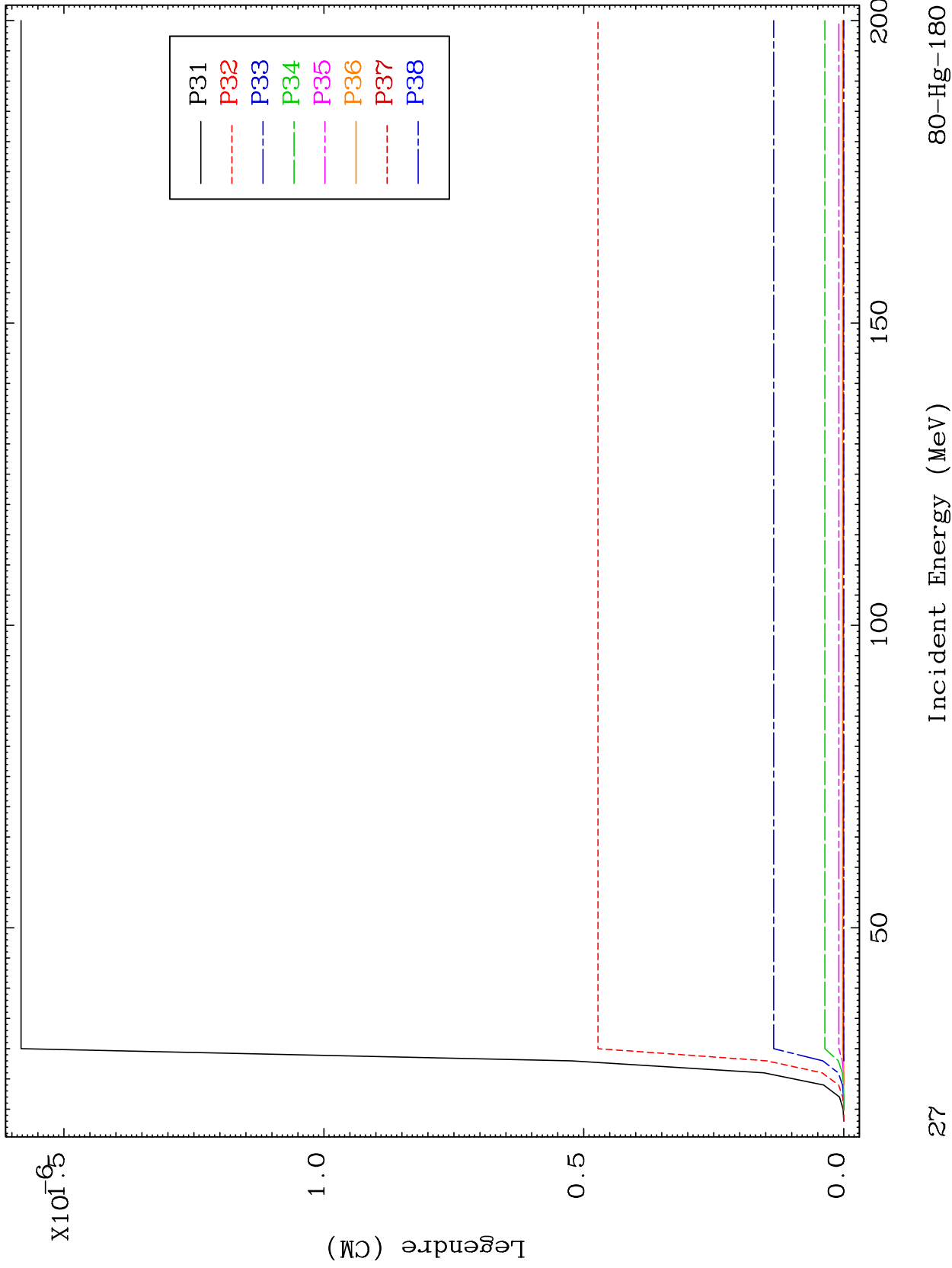
Incident Energy (MeV)

80-Hg-180

MAT 7977

MT= 52 (n,n') Level  
Legendre Coefficients

80-Hg-180

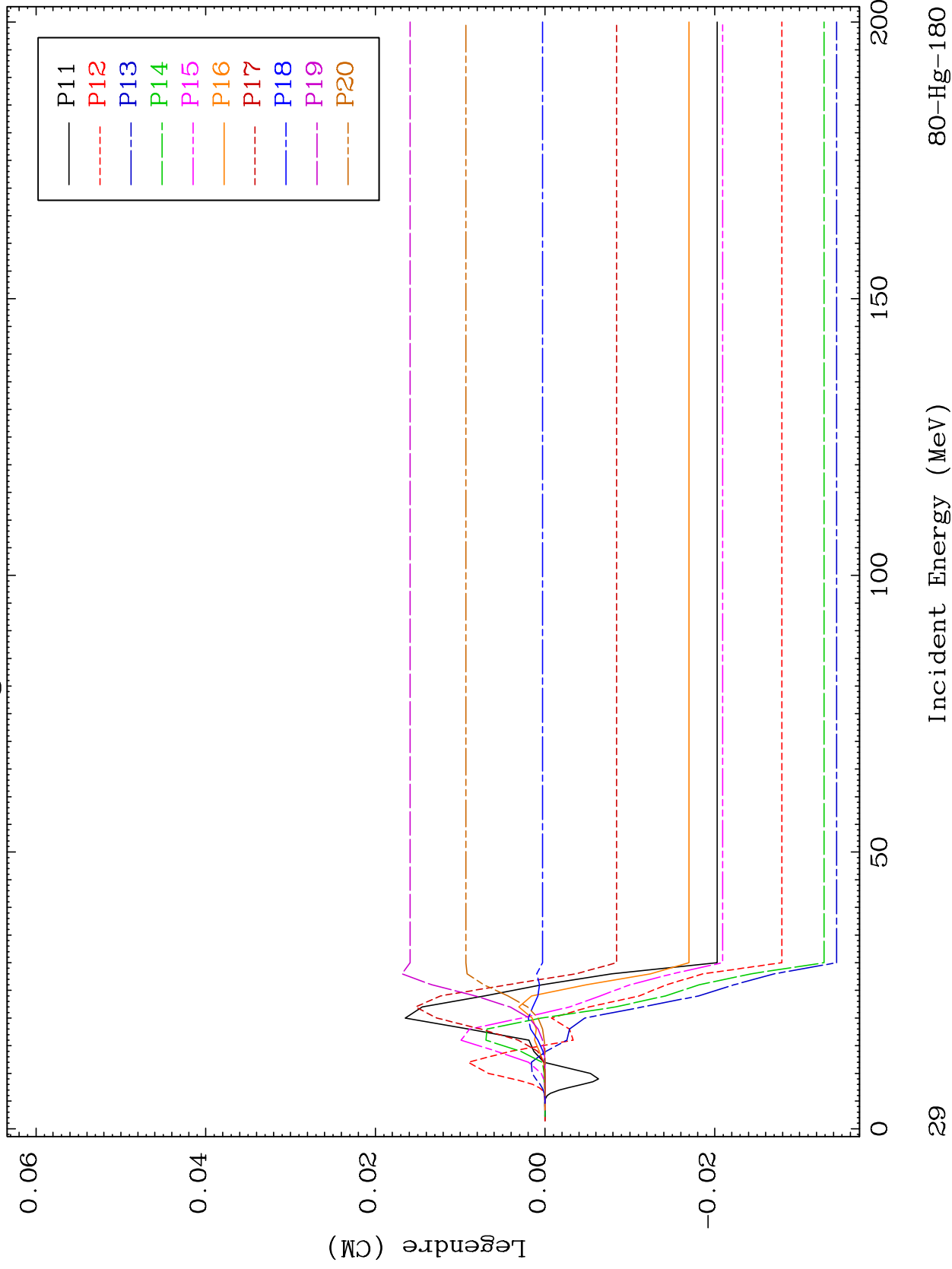




MAT 7977

MT= 53 (n,n') Level  
Legendre Coefficients

80-Hg-180



29

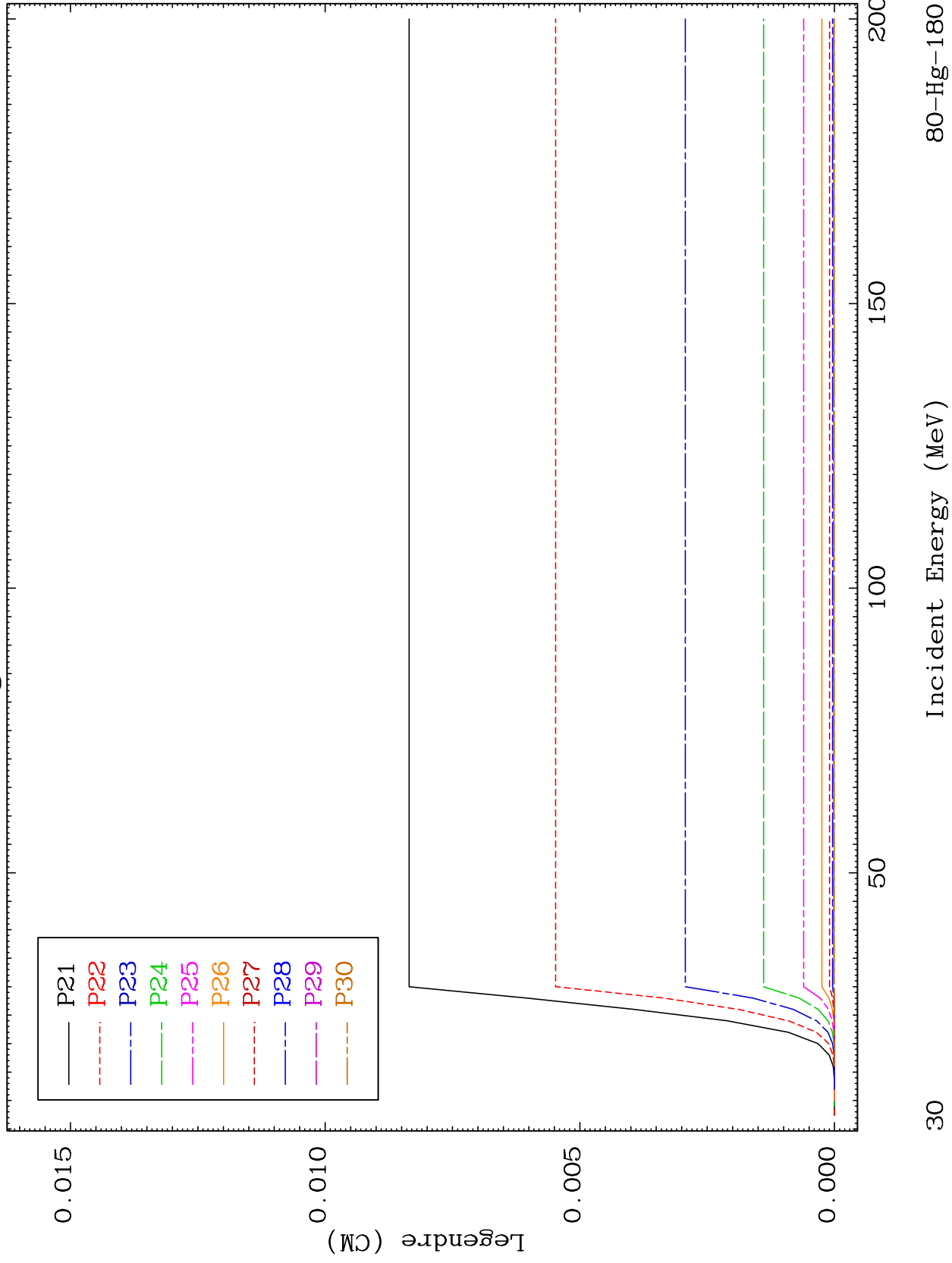
Incident Energy (MeV)

80-Hg-180

MAT 79777

MT= 53 (n,n') Level  
Legendre Coefficients

80-Hg-180



30

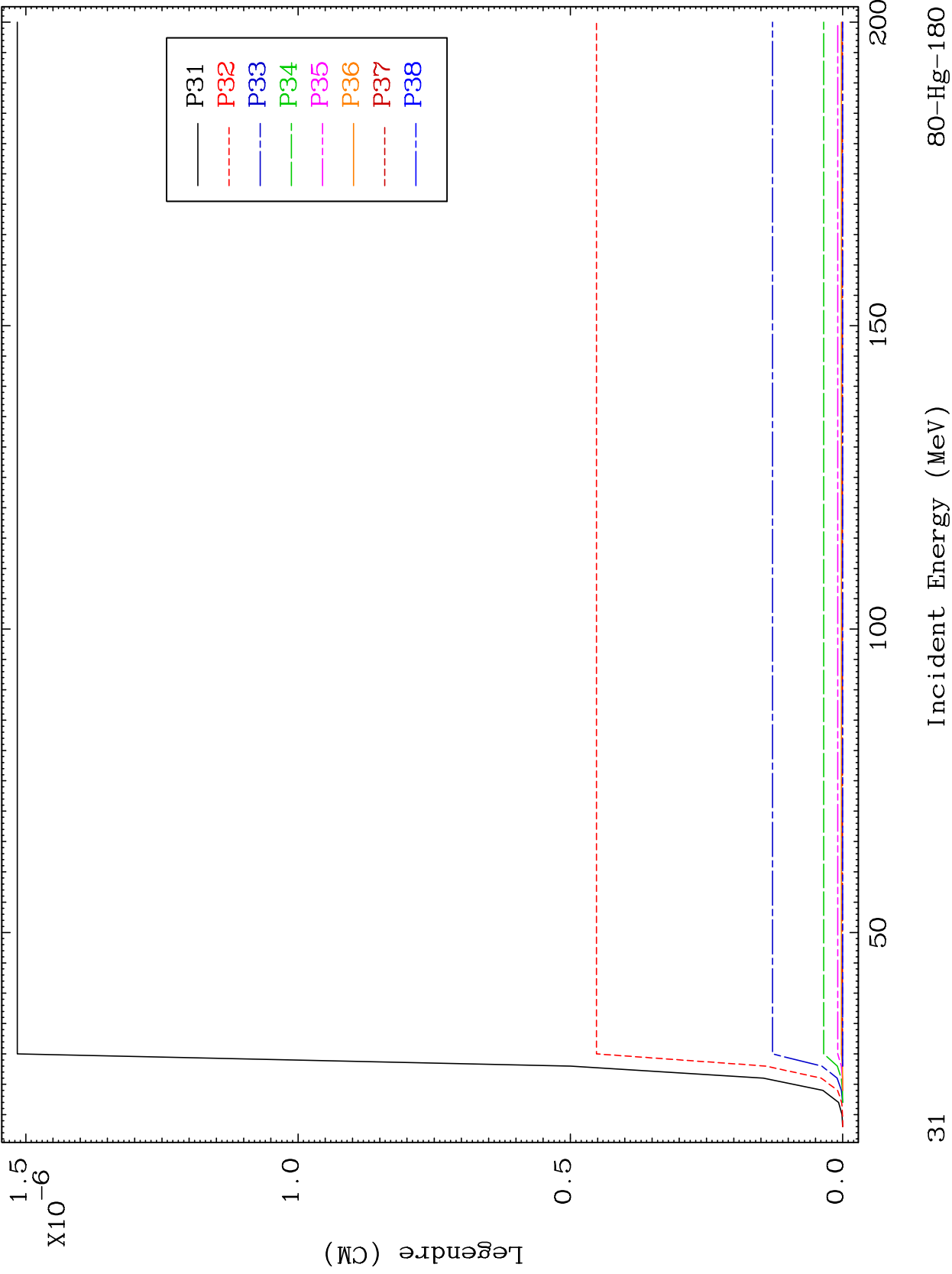
Incident Energy (MeV)

80-Hg-180

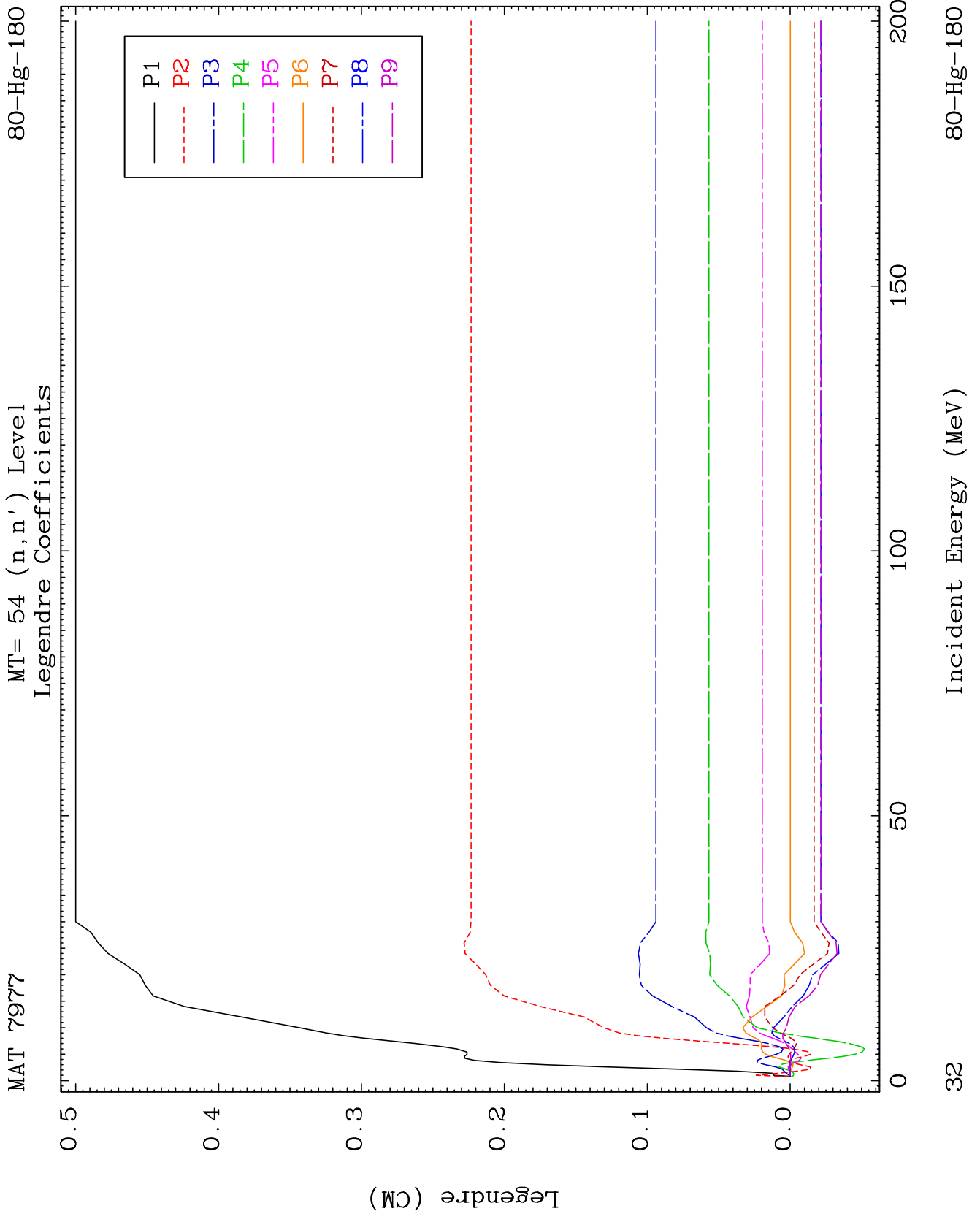
MAT 7977

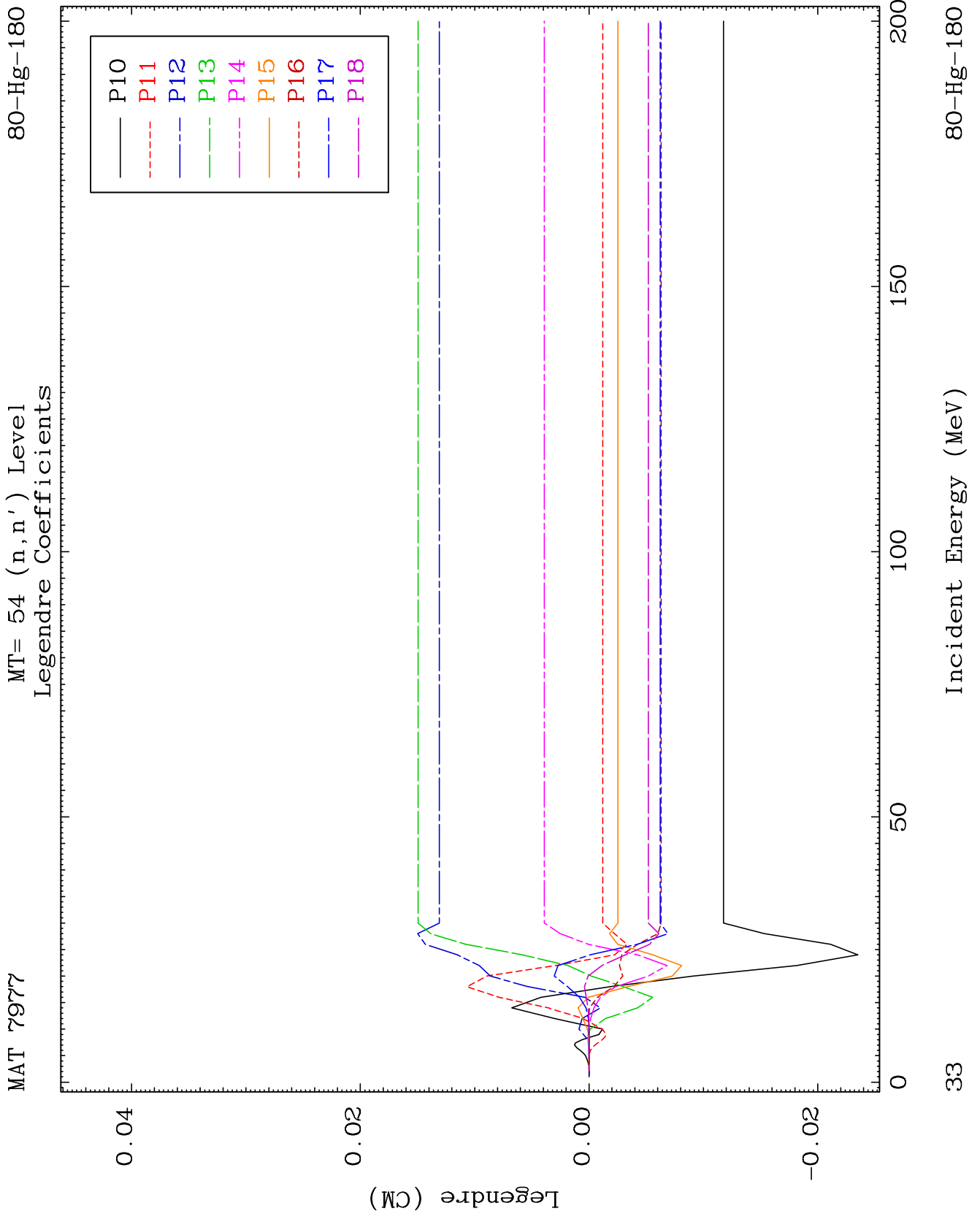
MT= 53 (n,n') Level  
Legendre Coefficients

80-Hg-180



31

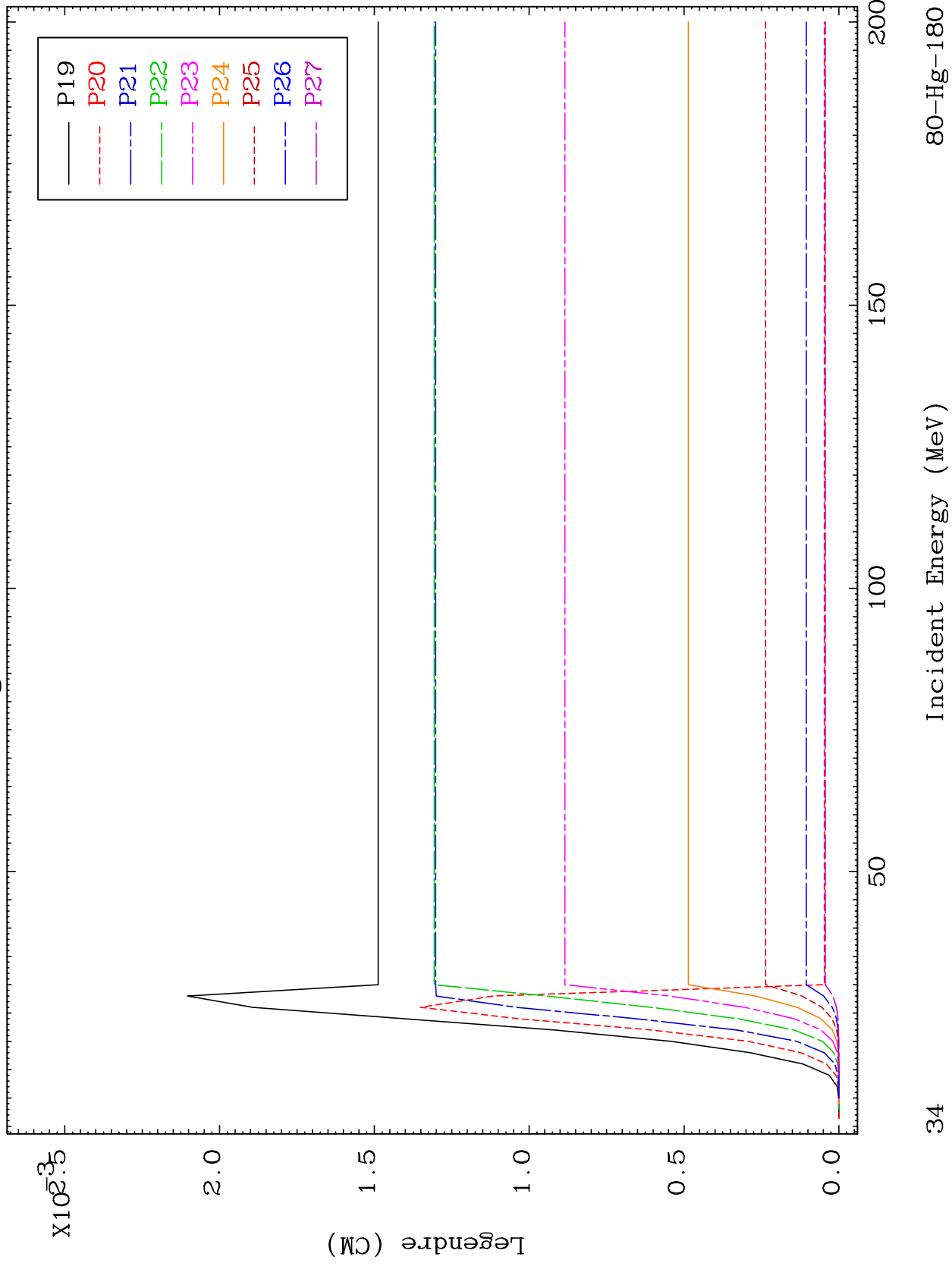




MAT 7977

MT= 54 (n,n') Level  
Legendre Coefficients

80-Hg-180



34

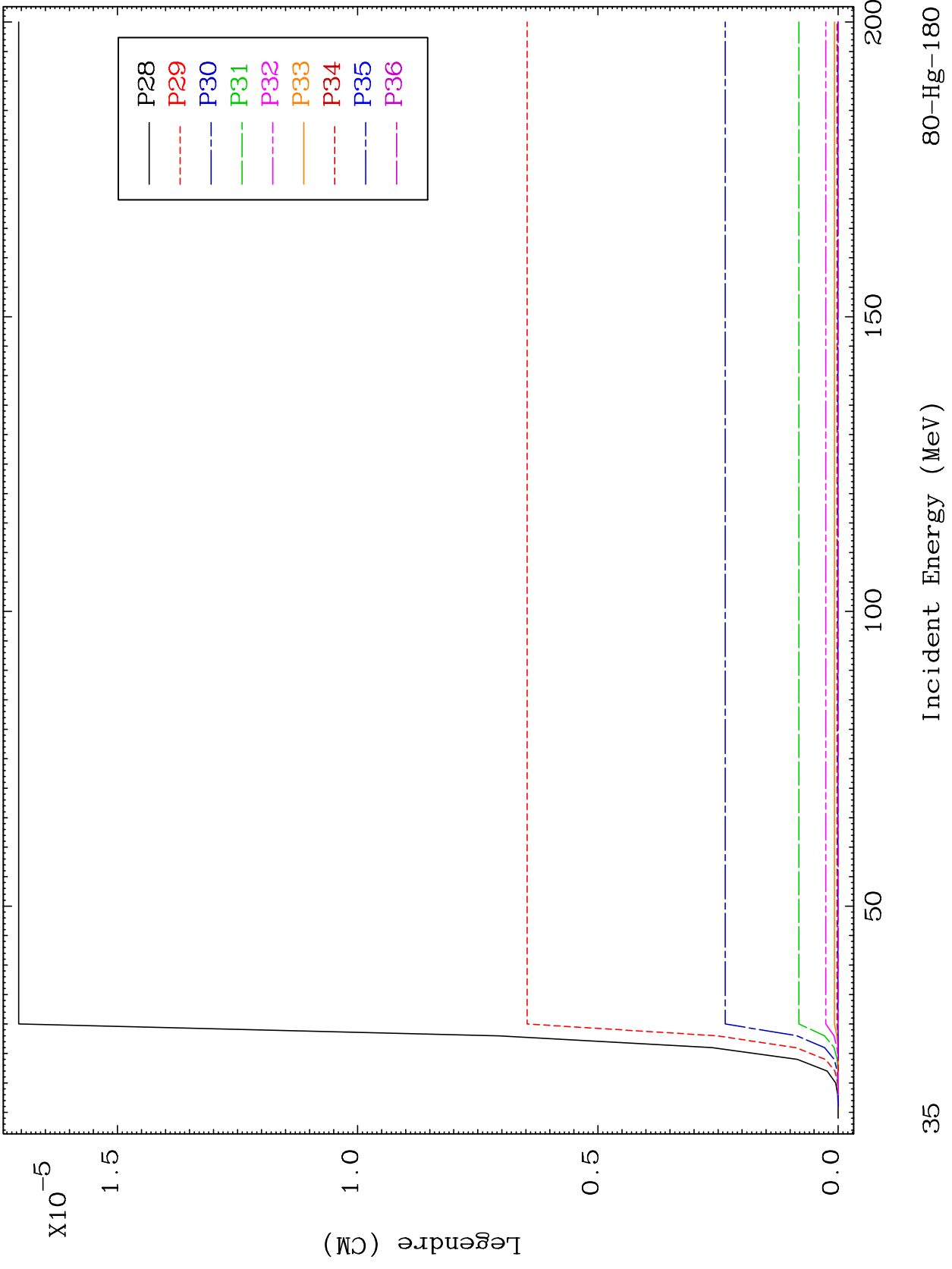
Incident Energy (MeV)

80-Hg-180

MAT 7977

MT= 54 (n,n') Level  
Legendre Coefficients

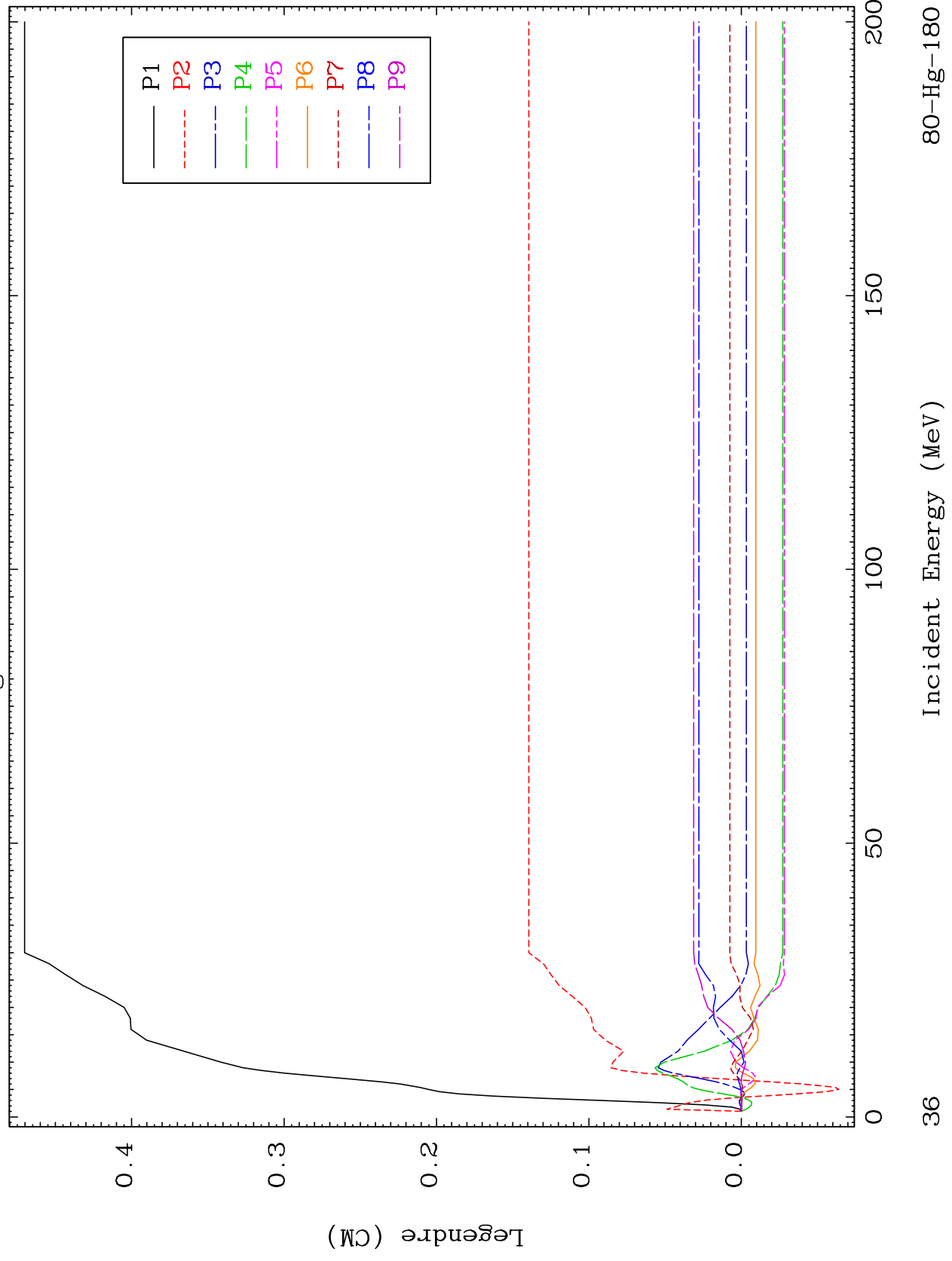
80-Hg-180



MAT 7977

MT= 55 (n,n') Level  
Legendre Coefficients

80-Hg-180



36

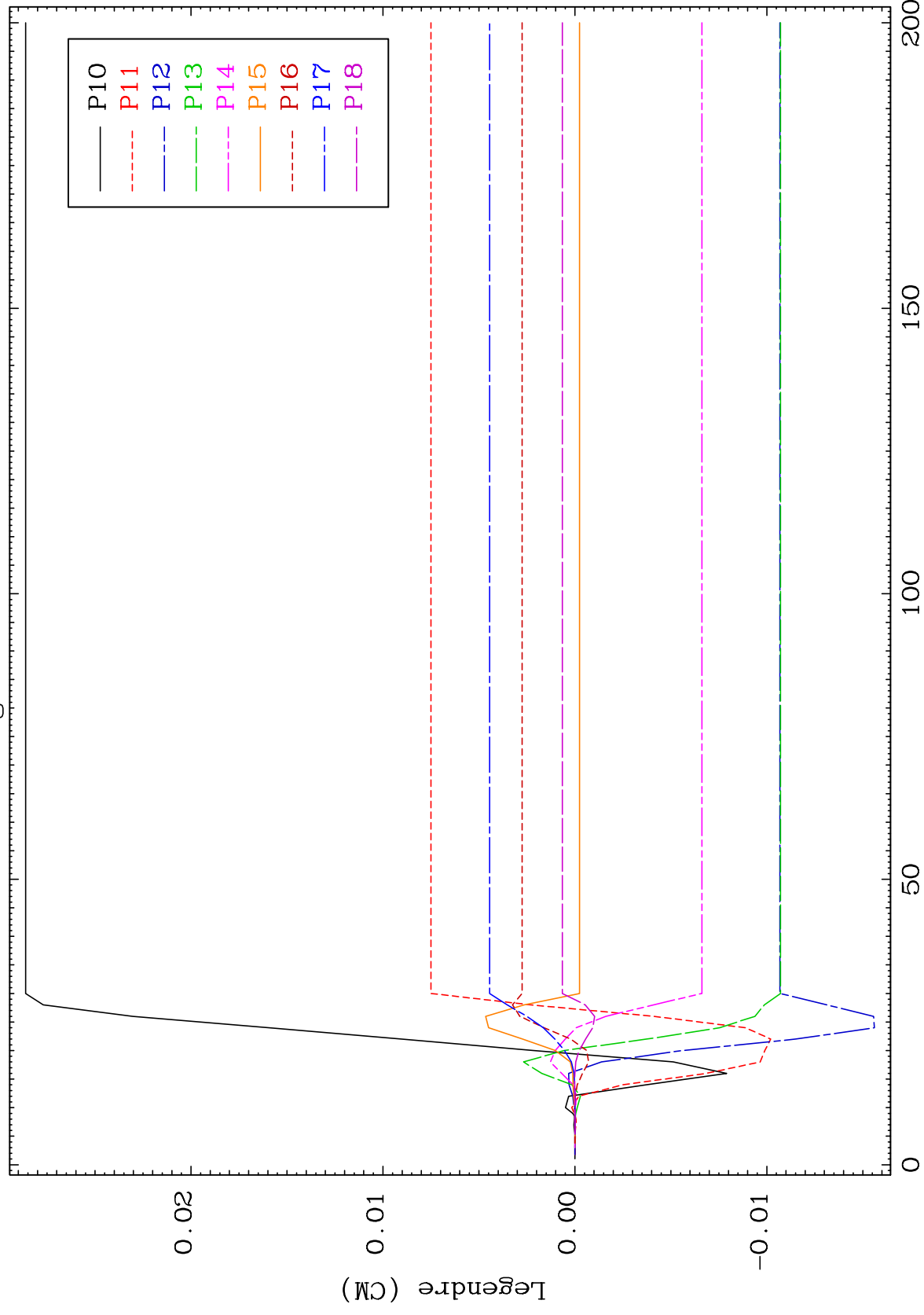
Incident Energy (MeV)

80-Hg-180

MAT 7977

MT= 55 (n,n') Level  
Legendre Coefficients

80-Hg-180



37

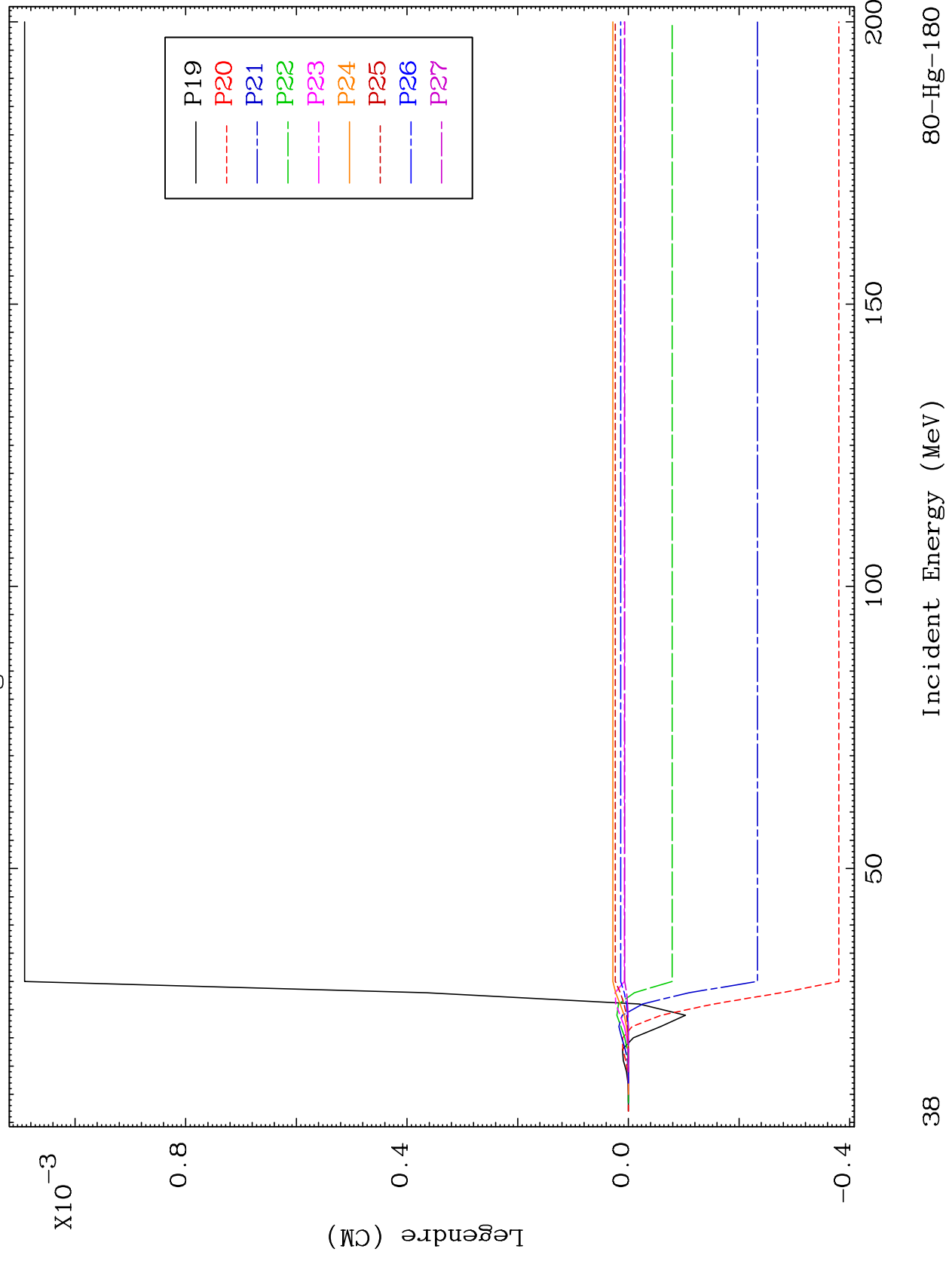
Incident Energy (MeV)

80-Hg-180

MAT 7977

MT= 55 (n,n') Level  
Legendre Coefficients

80-Hg-180



38

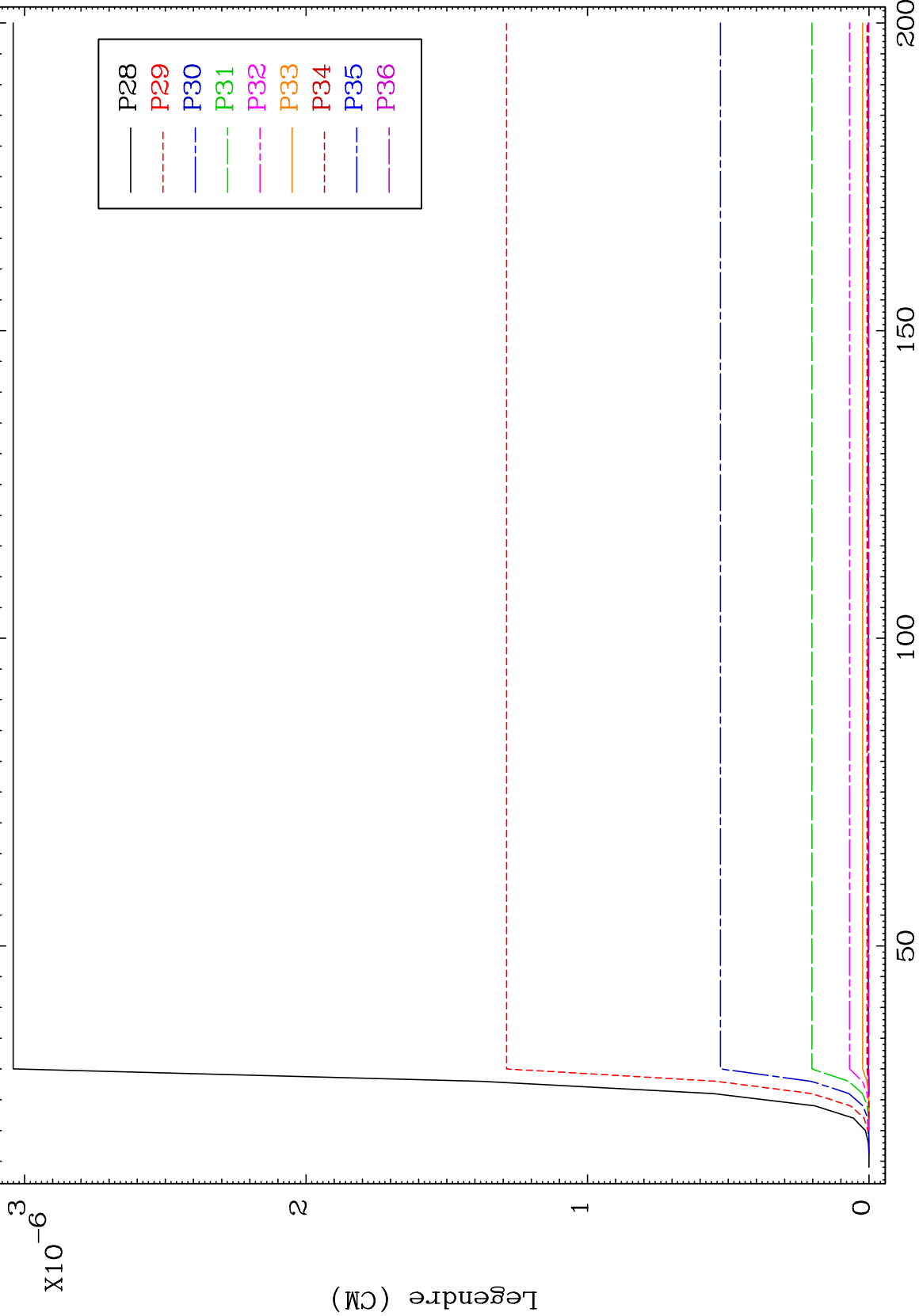
Incident Energy (MeV)

80-Hg-180

MAT 7977

MT= 55 (n,n') Level  
Legendre Coefficients

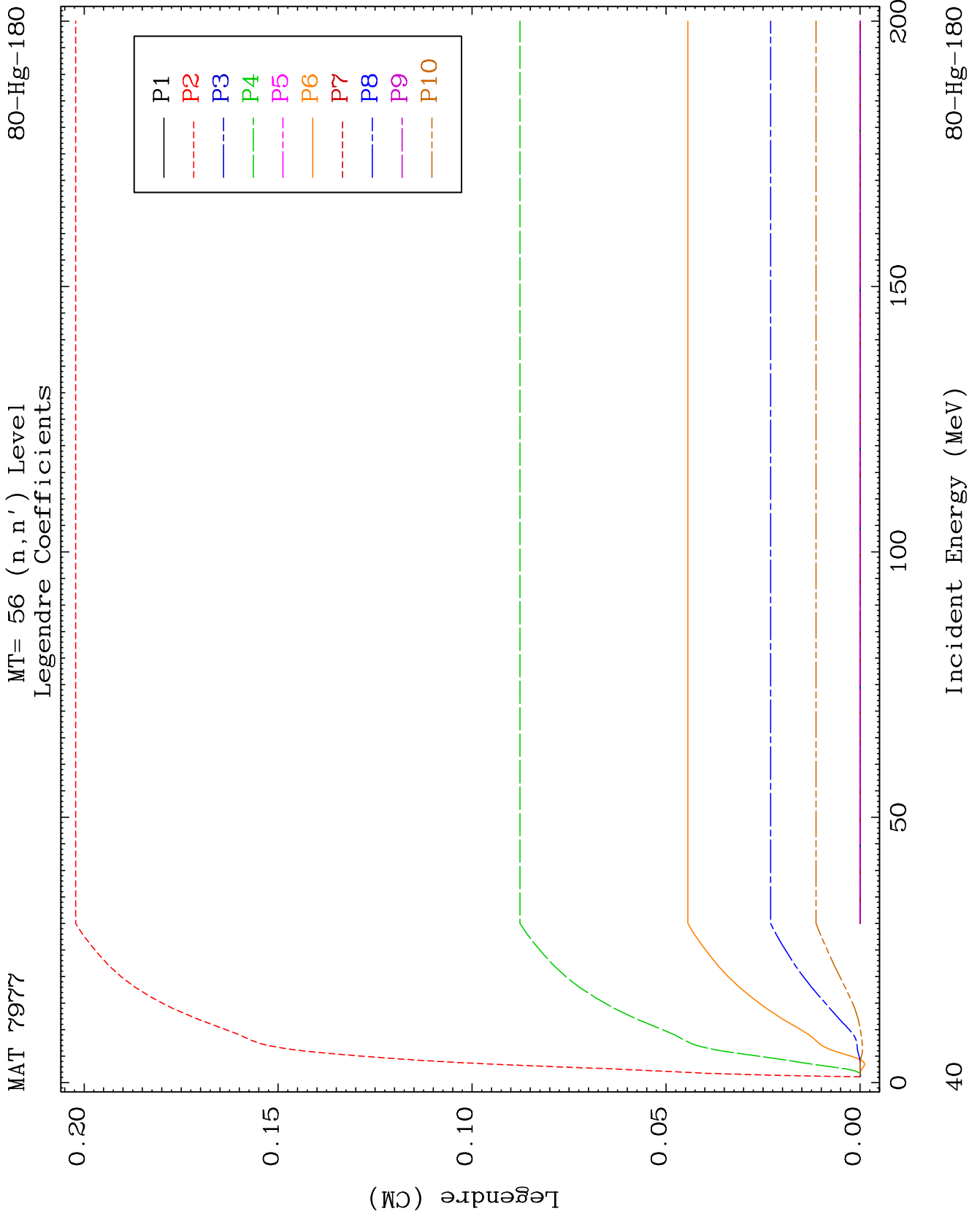
80-Hg-180

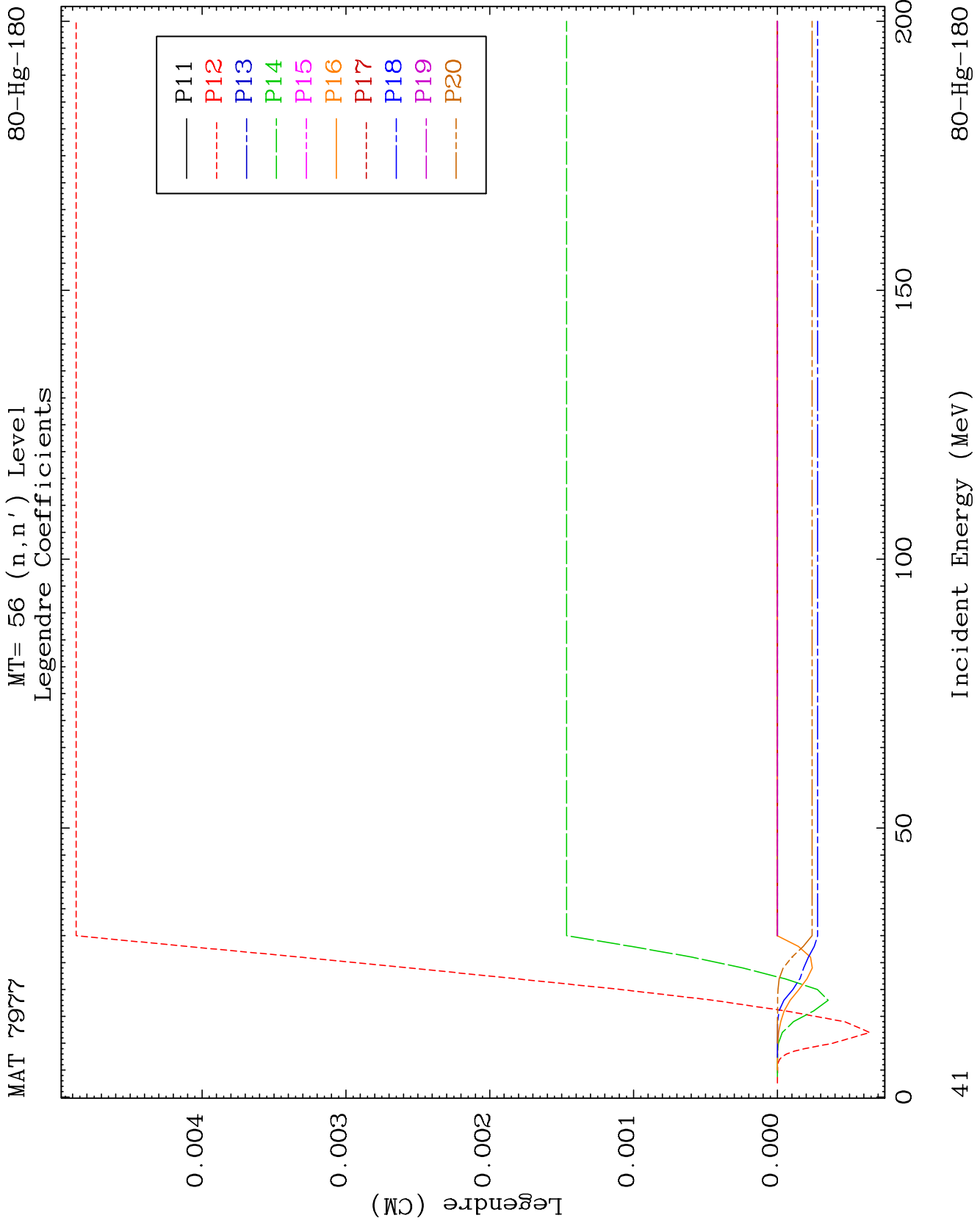


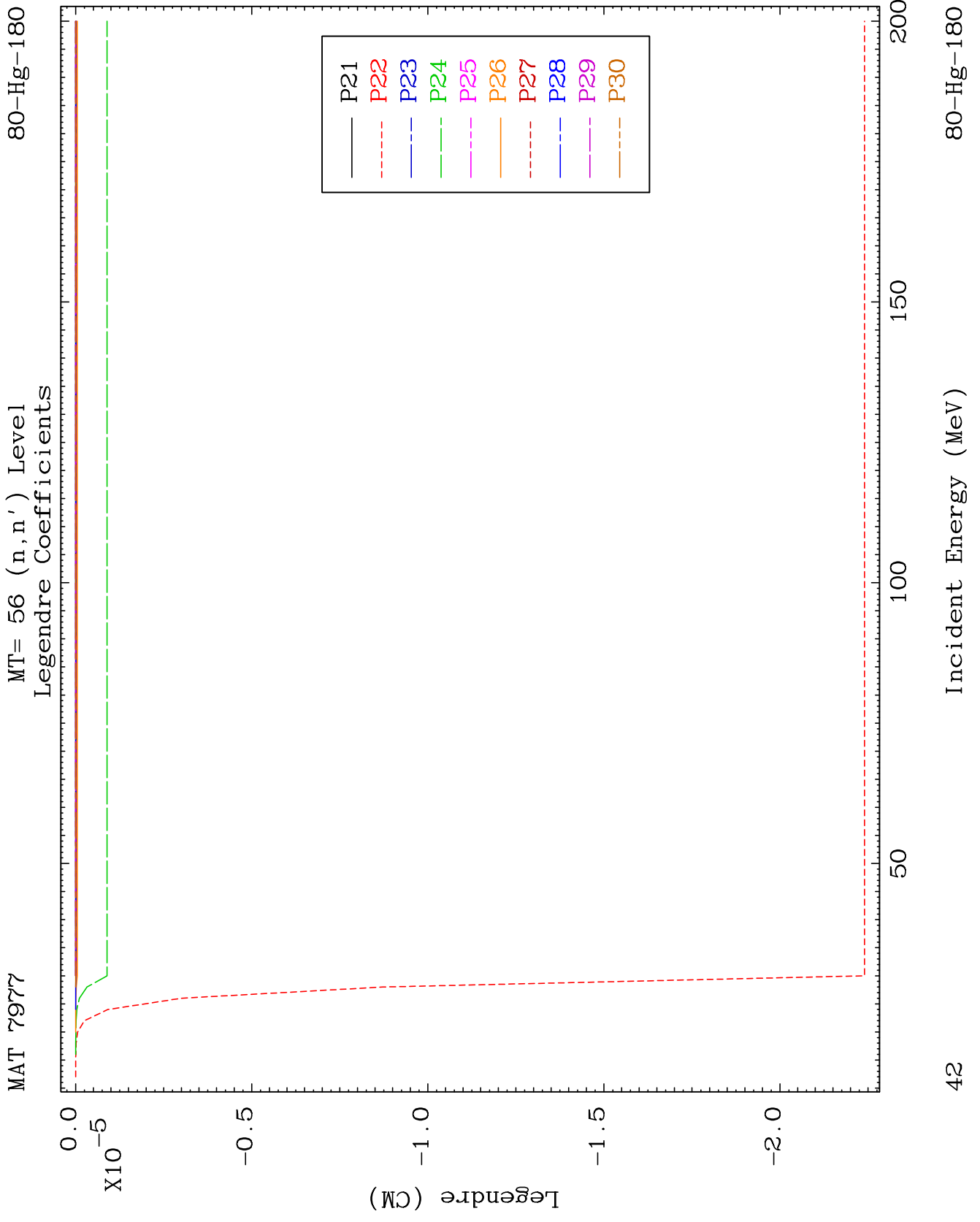
39

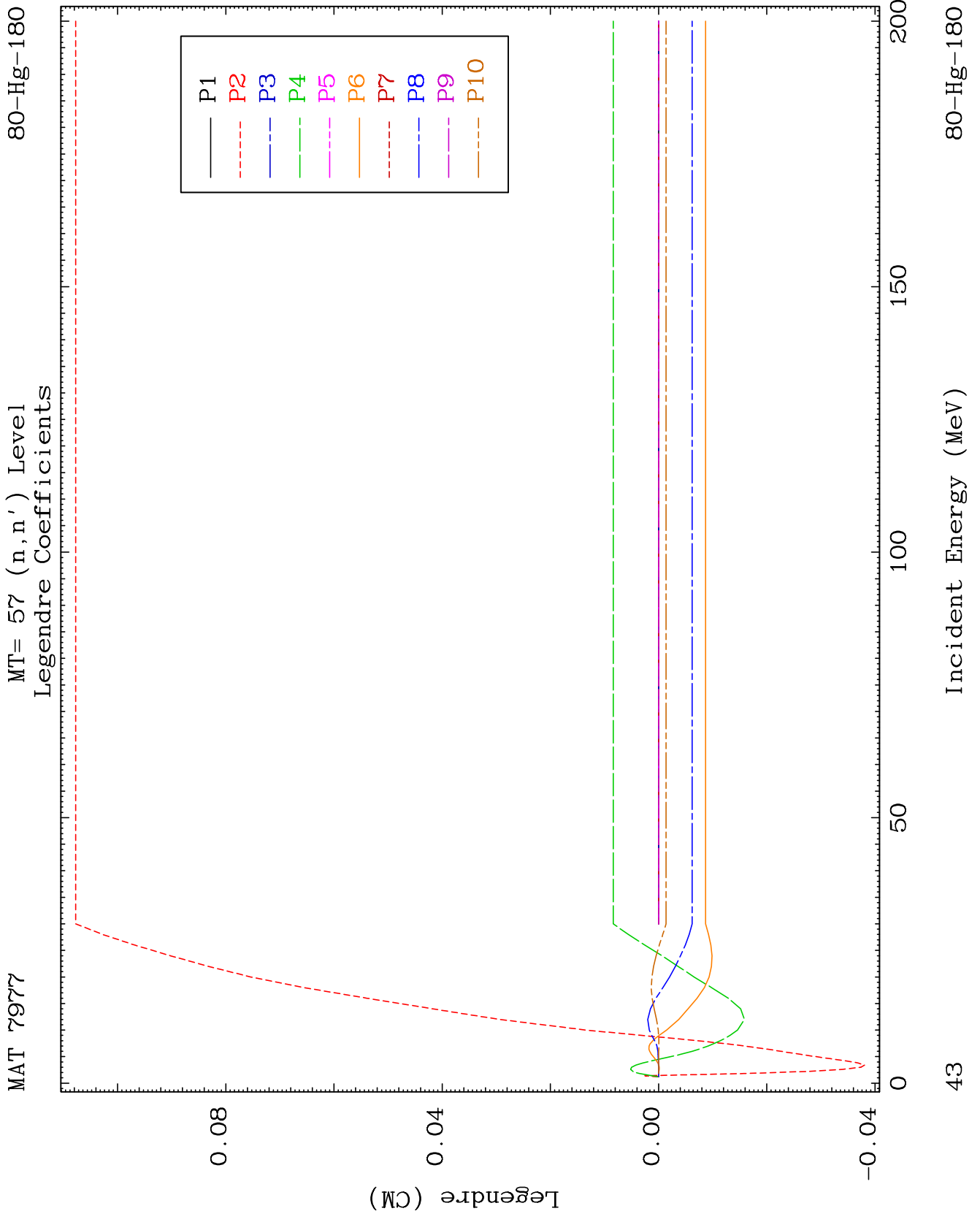
Incident Energy (MeV)

80-Hg-180





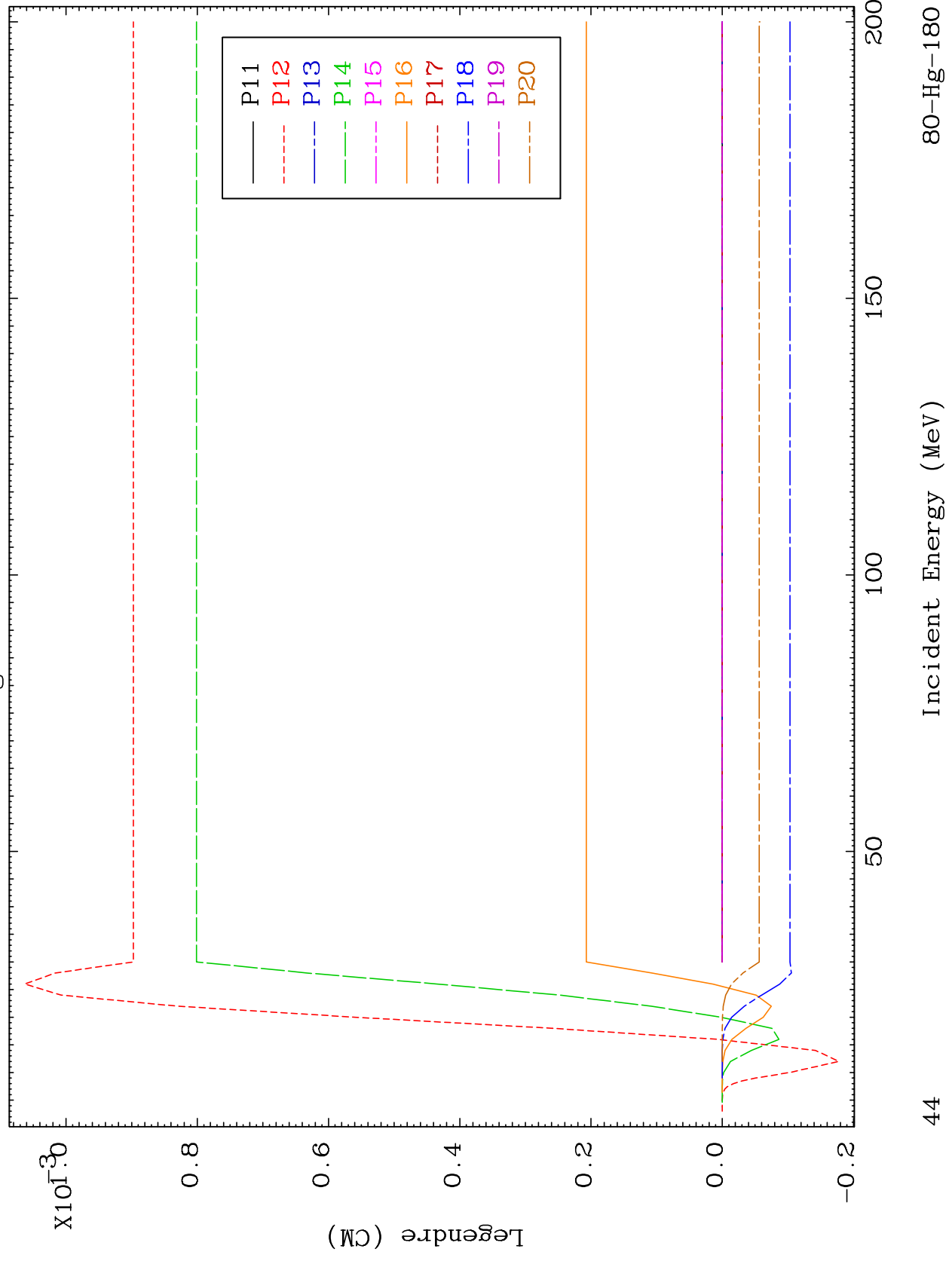


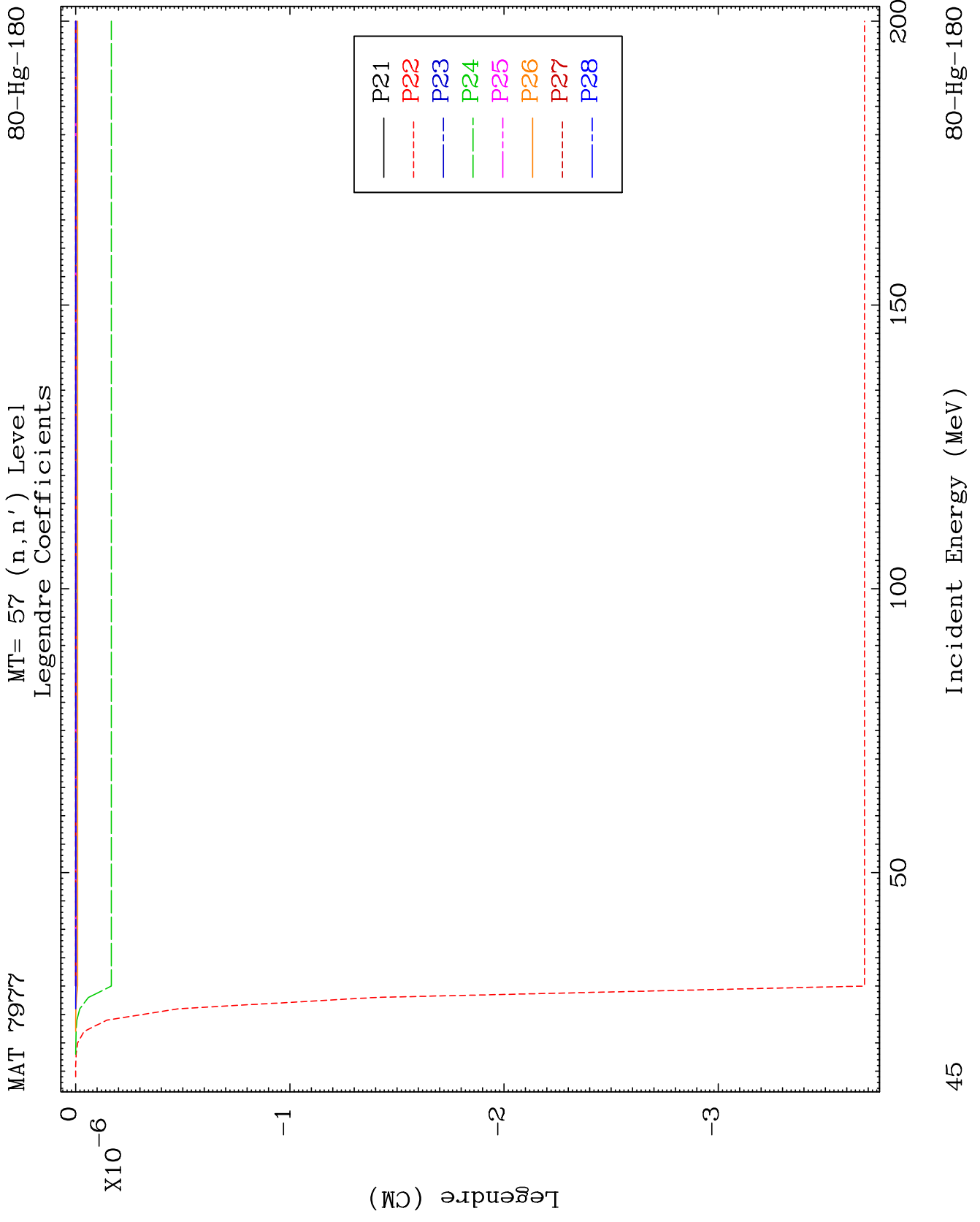


MAT 7977

MT= 57 (n,n') Level  
Legendre Coefficients

80-Hg-180

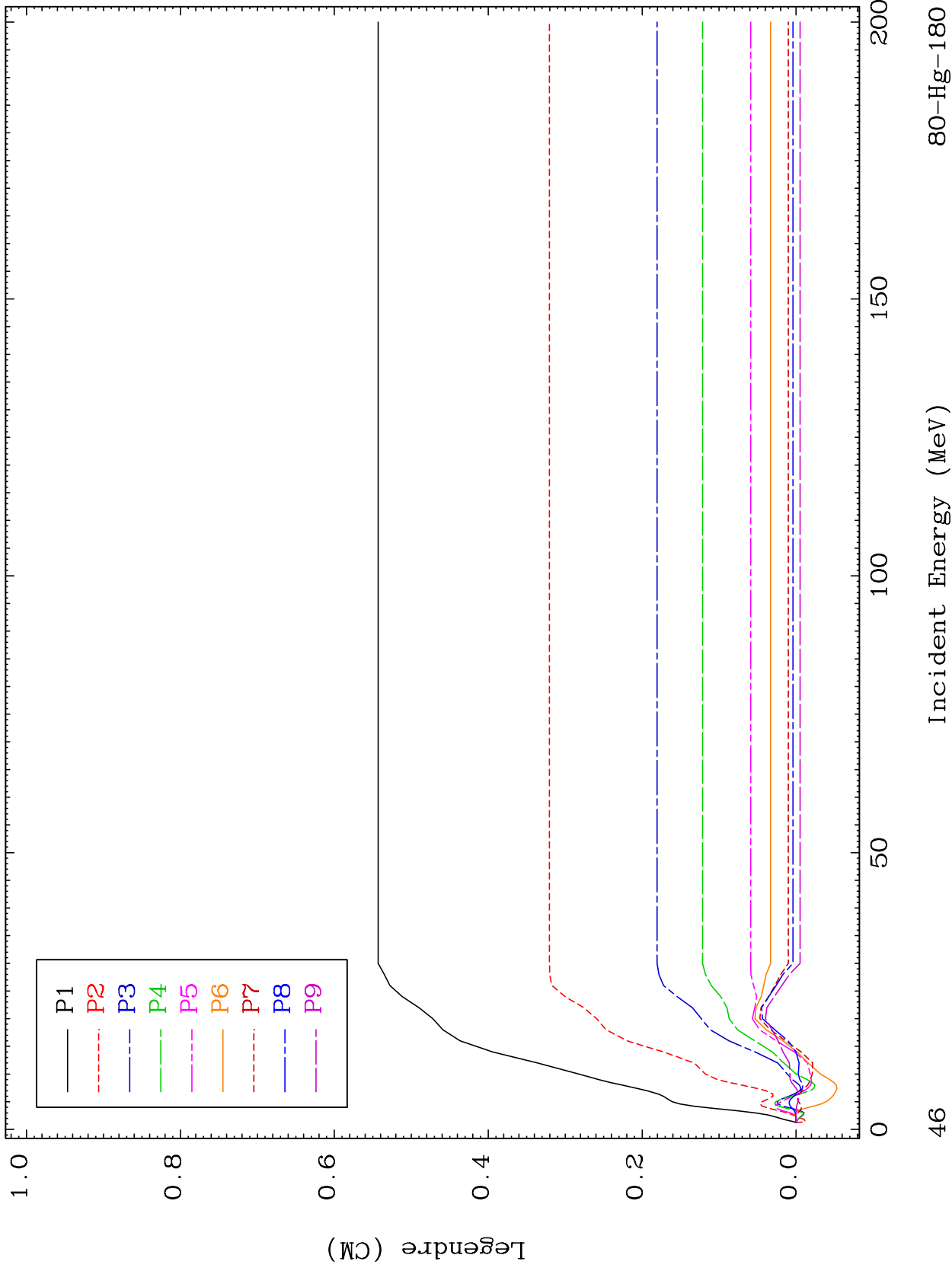


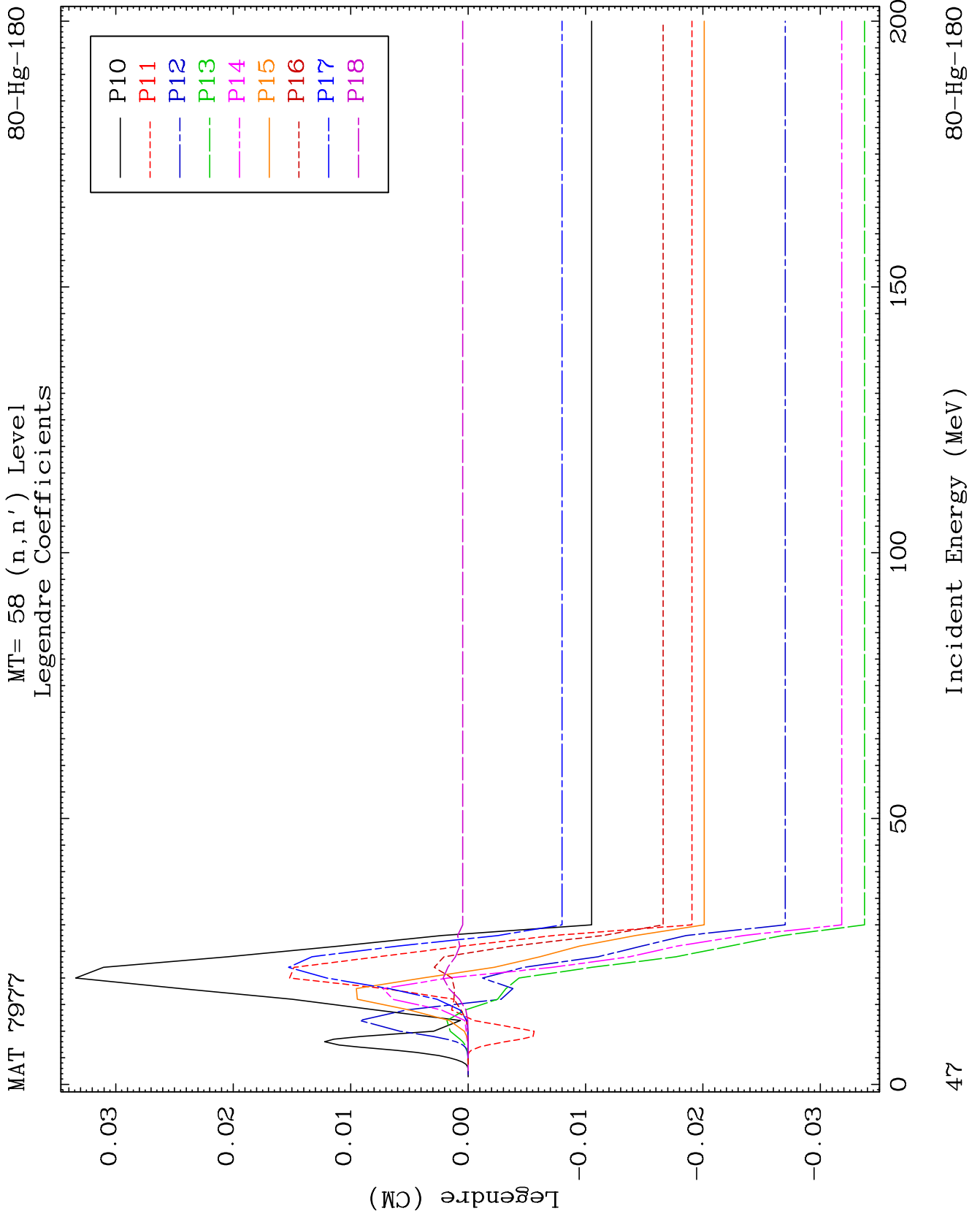


MAT 7977

MT= 58 (n,n') Level  
Legendre Coefficients

80-Hg-180



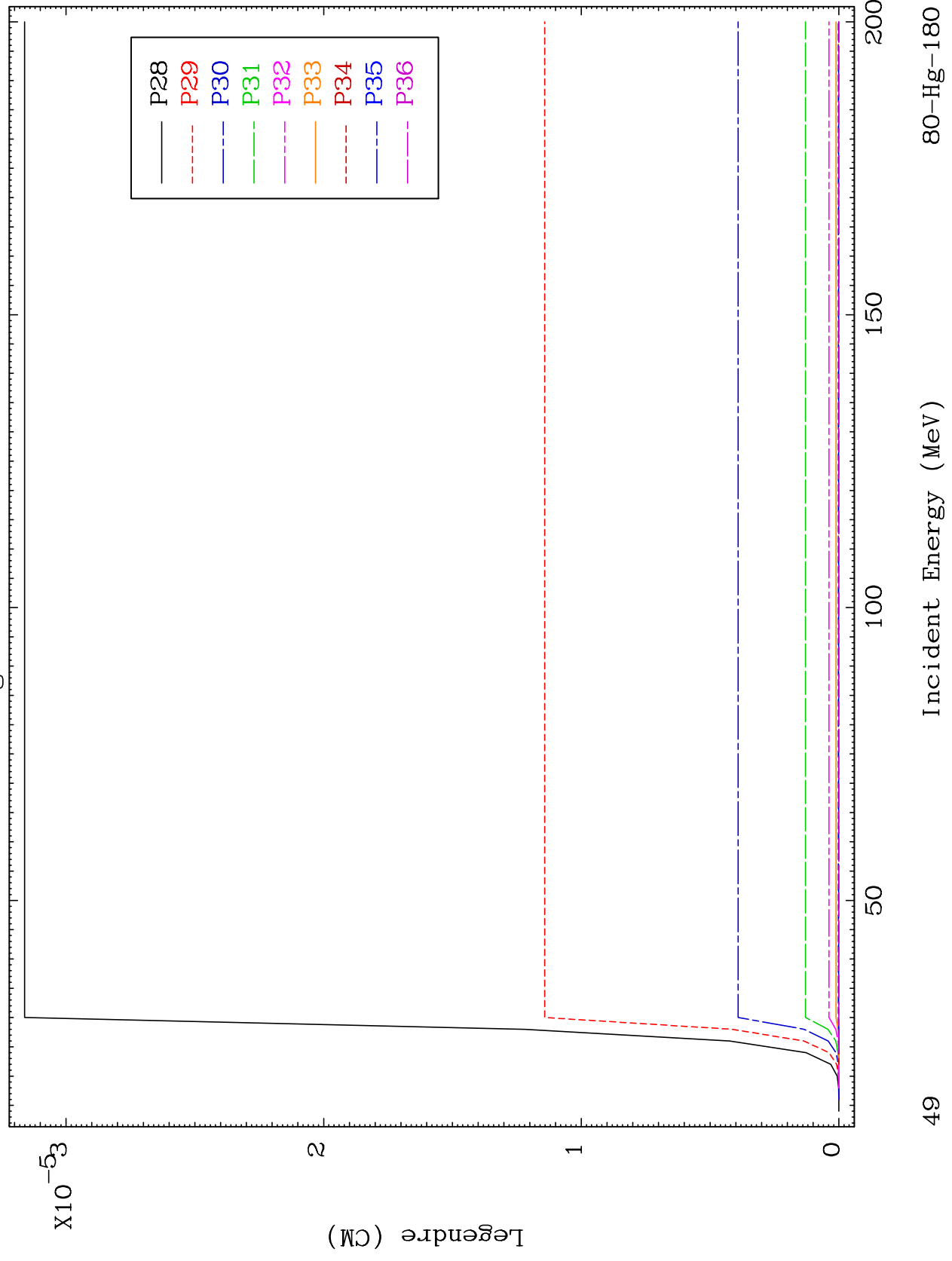




MAT 7977

MT= 58 (n,n') Level  
Legendre Coefficients

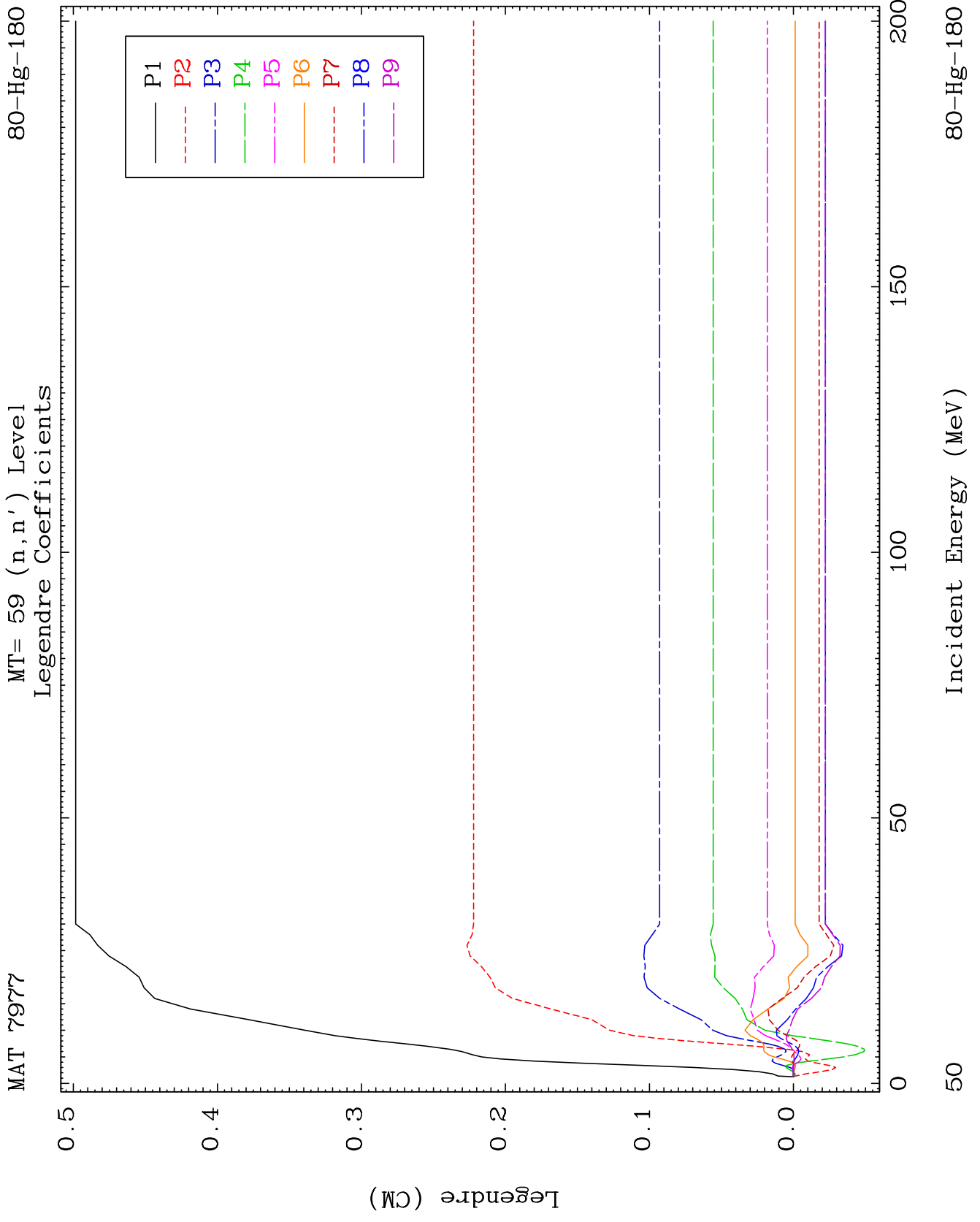
80-Hg-180



49

Incident Energy (MeV)

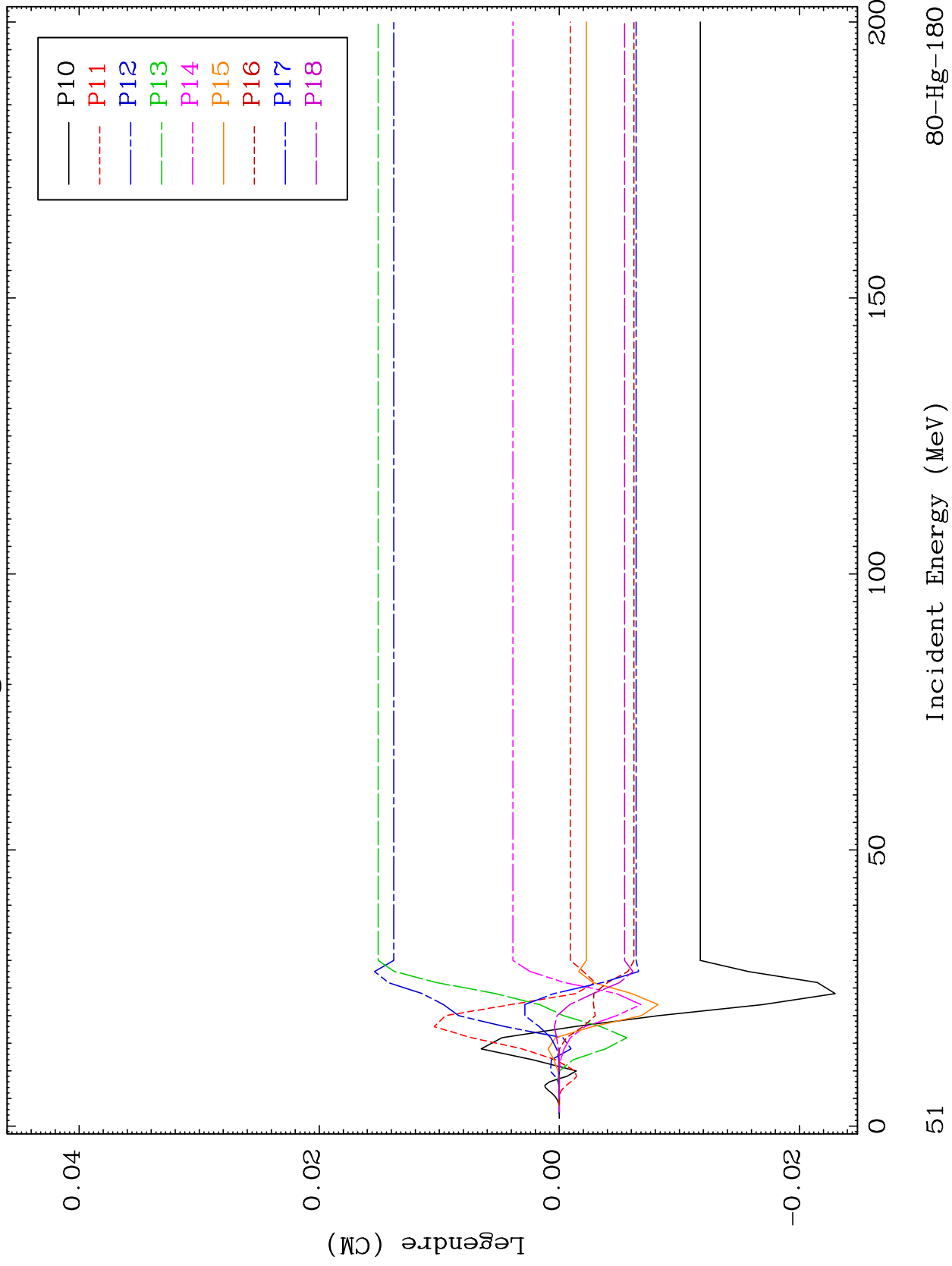
80-Hg-180



MAT 7977

MT= 59 (n,n') Level  
Legendre Coefficients

80-Hg-180



51

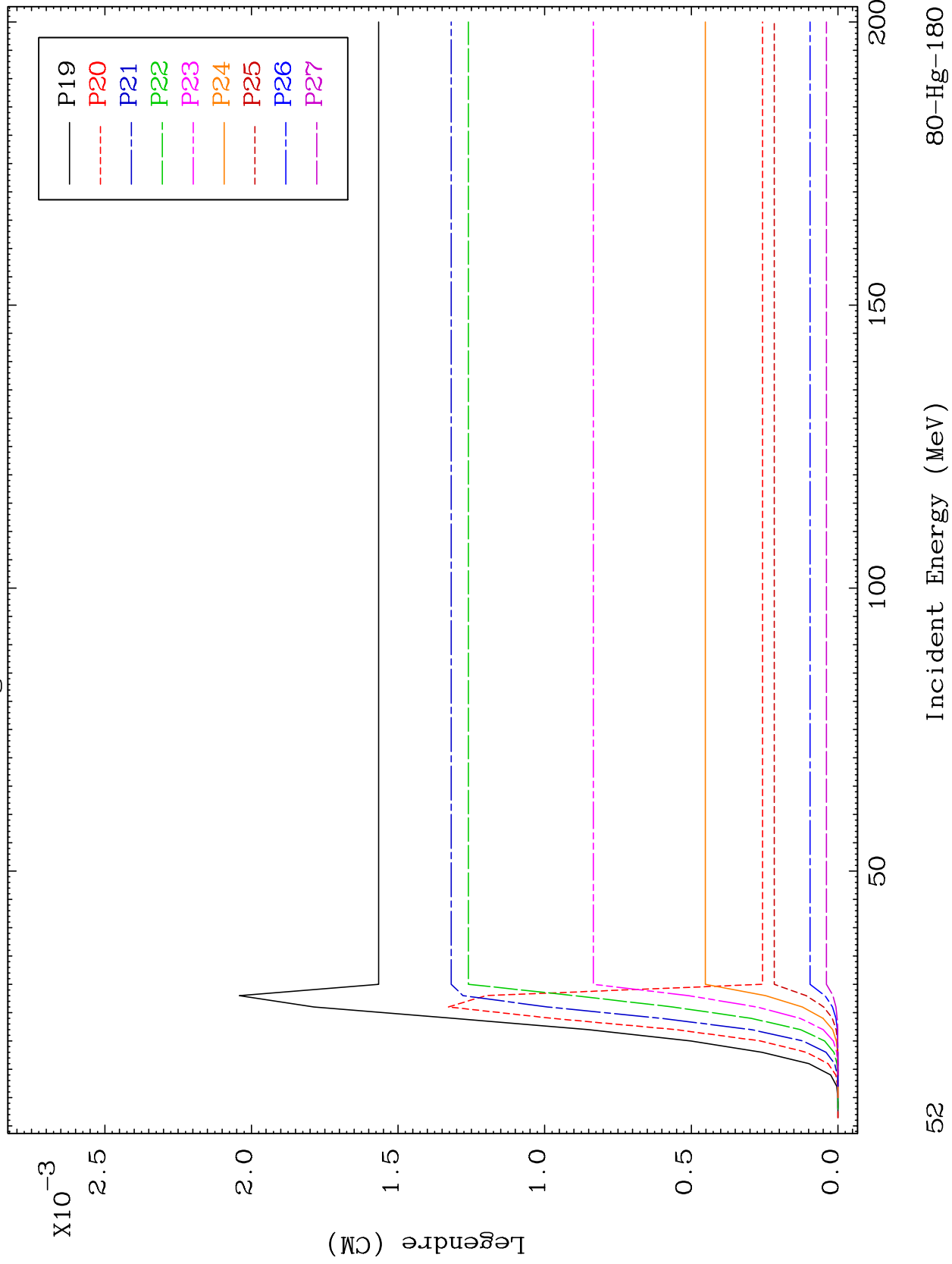
Incident Energy (MeV)

80-Hg-180

MAT 7977

MT= 59 (n,n') Level  
Legendre Coefficients

80-Hg-180



52

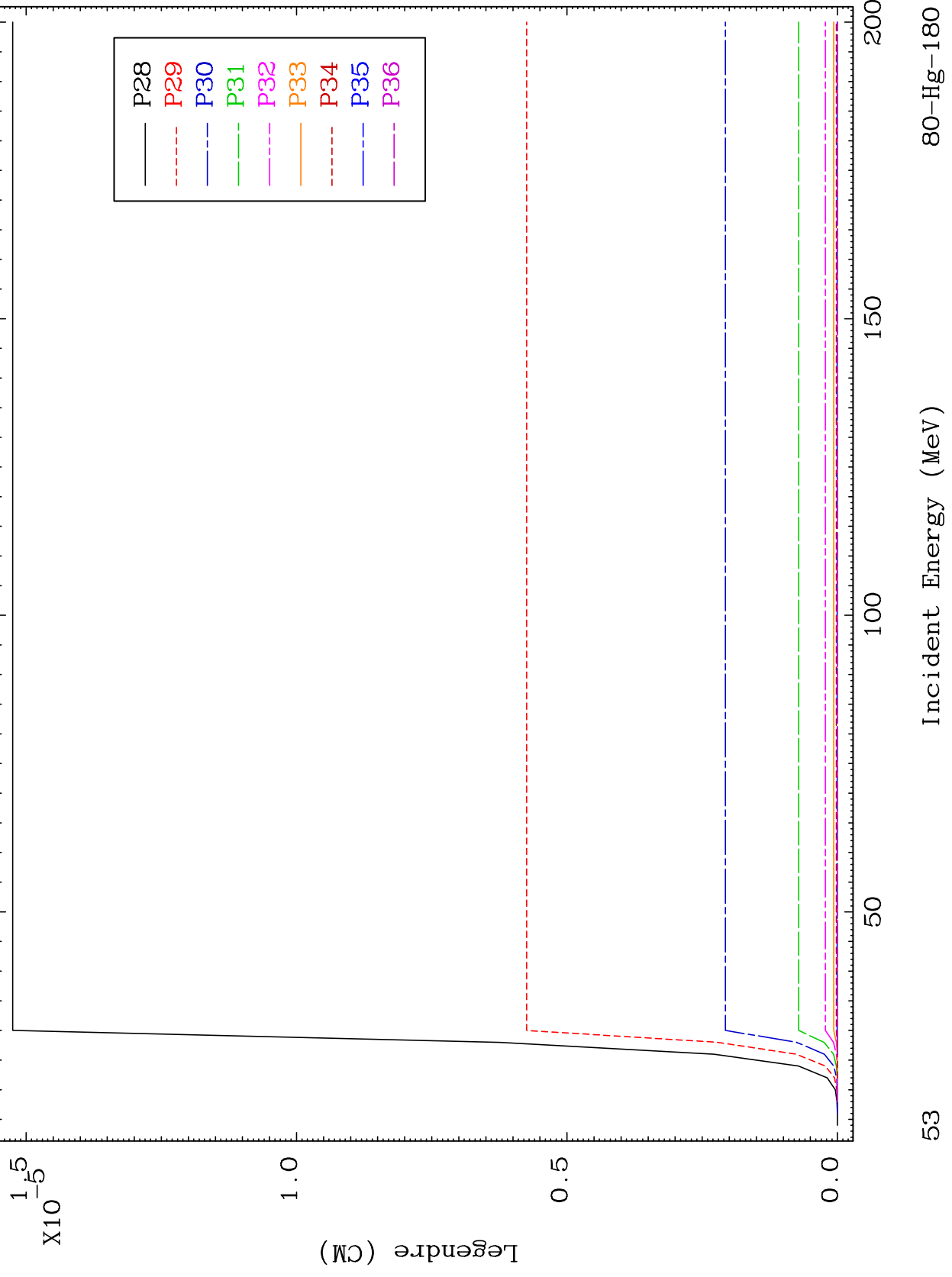
Incident Energy (MeV)

80-Hg-180

MAT 7977

MT= 59 (n,n') Level  
Legendre Coefficients

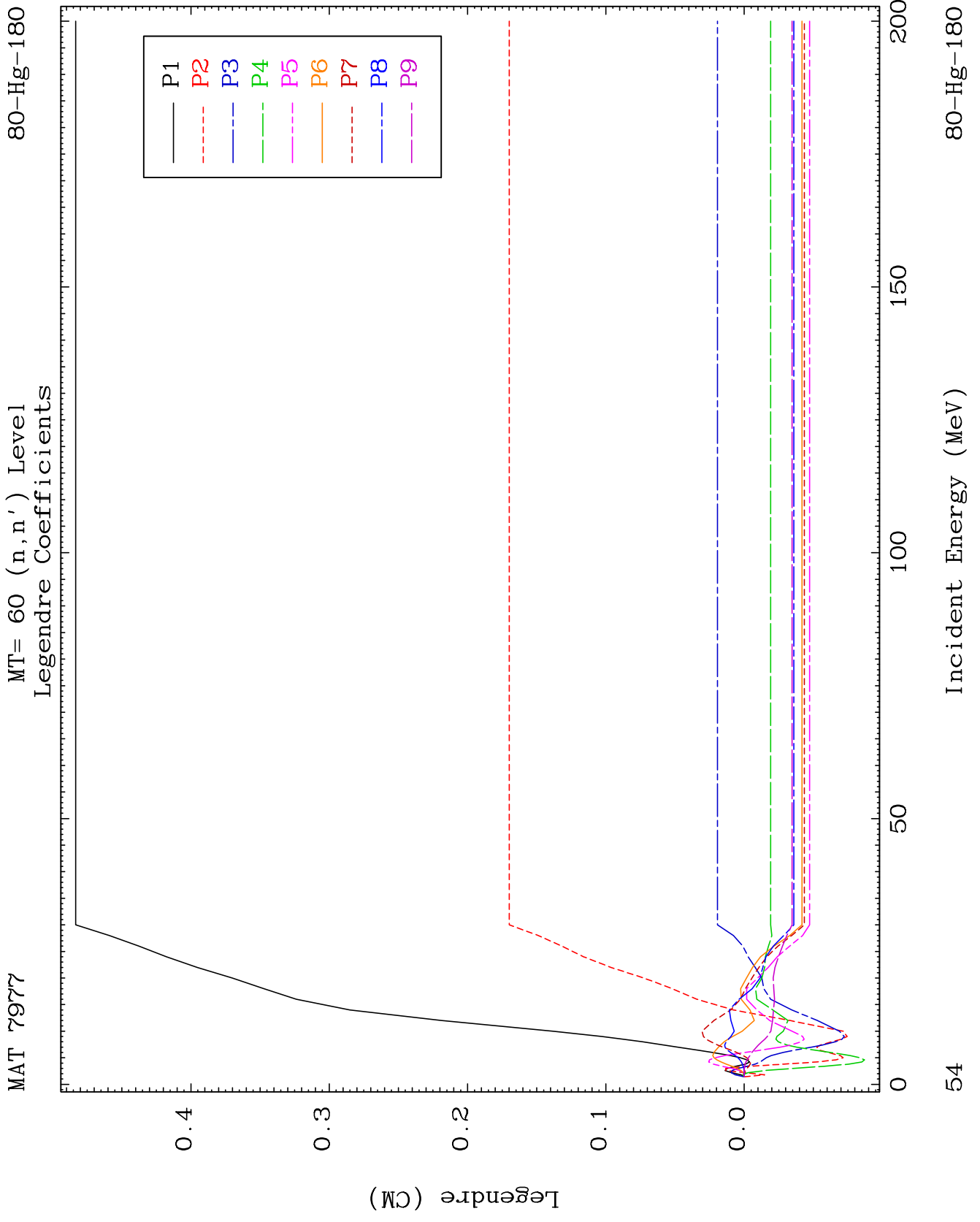
80-Hg-180



53

Incident Energy (MeV)

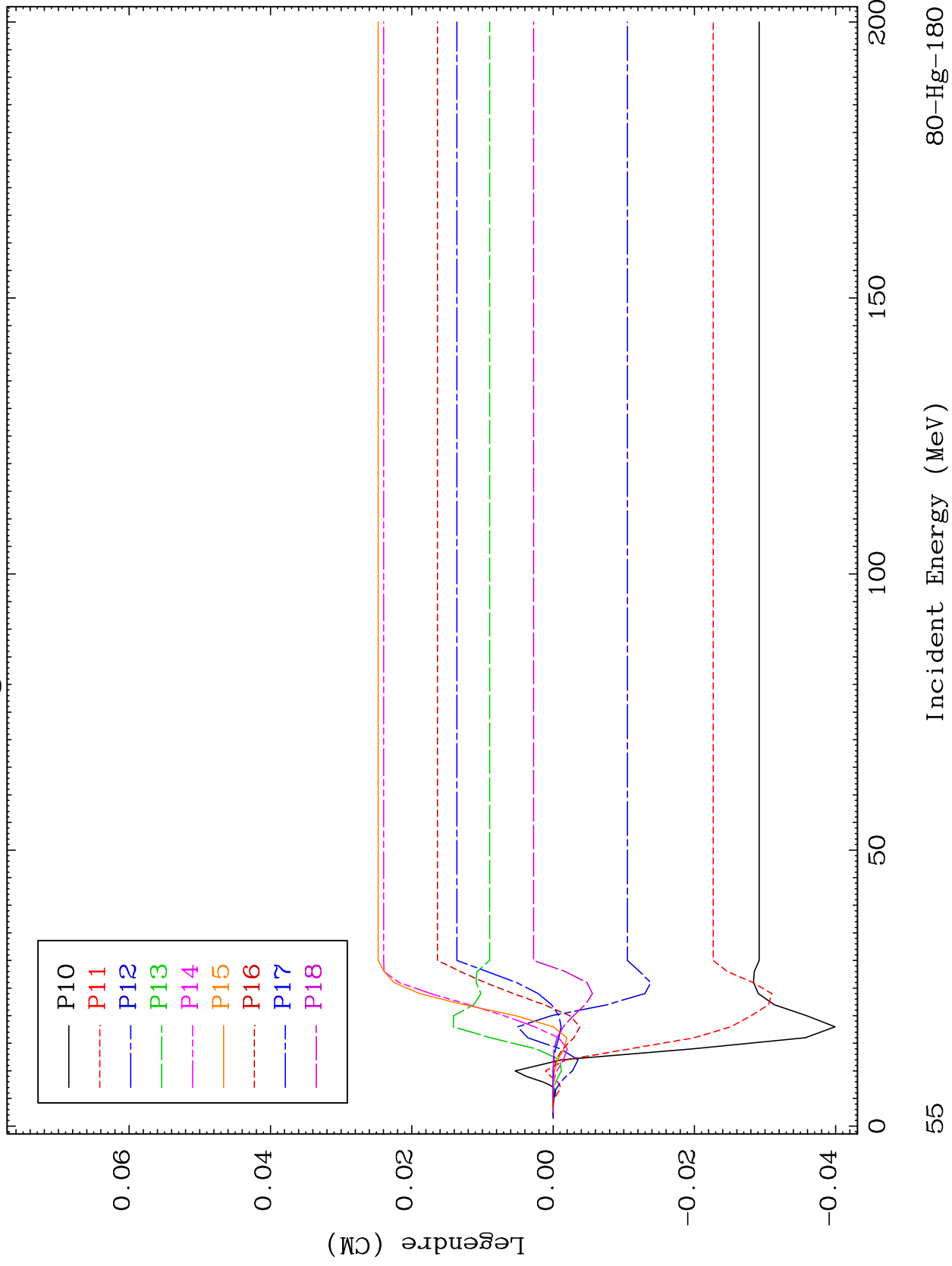
80-Hg-180



MAT 7977

MT= 60 (n,n') Level  
Legendre Coefficients

80-Hg-180



80-Hg-180

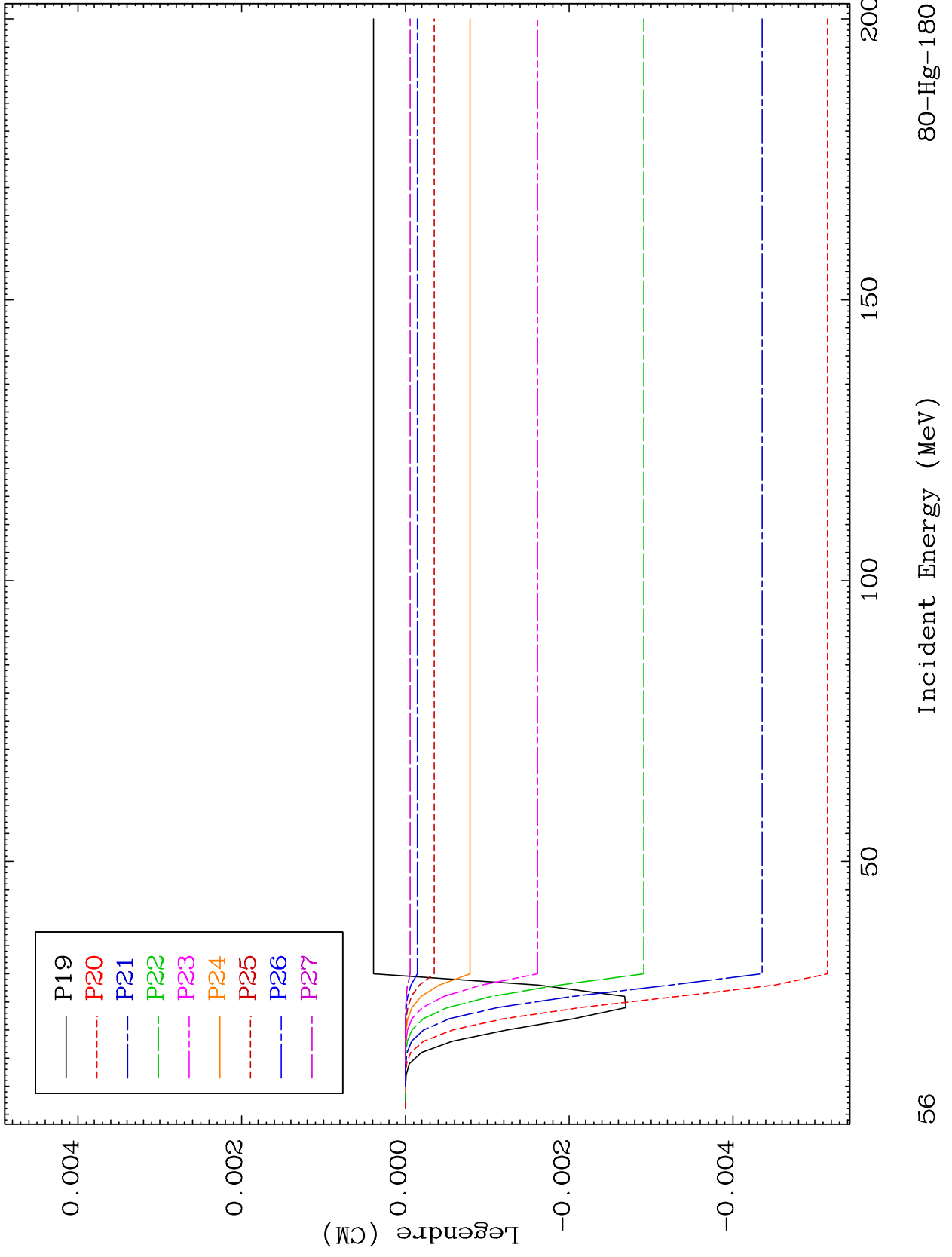
Incident Energy (MeV)

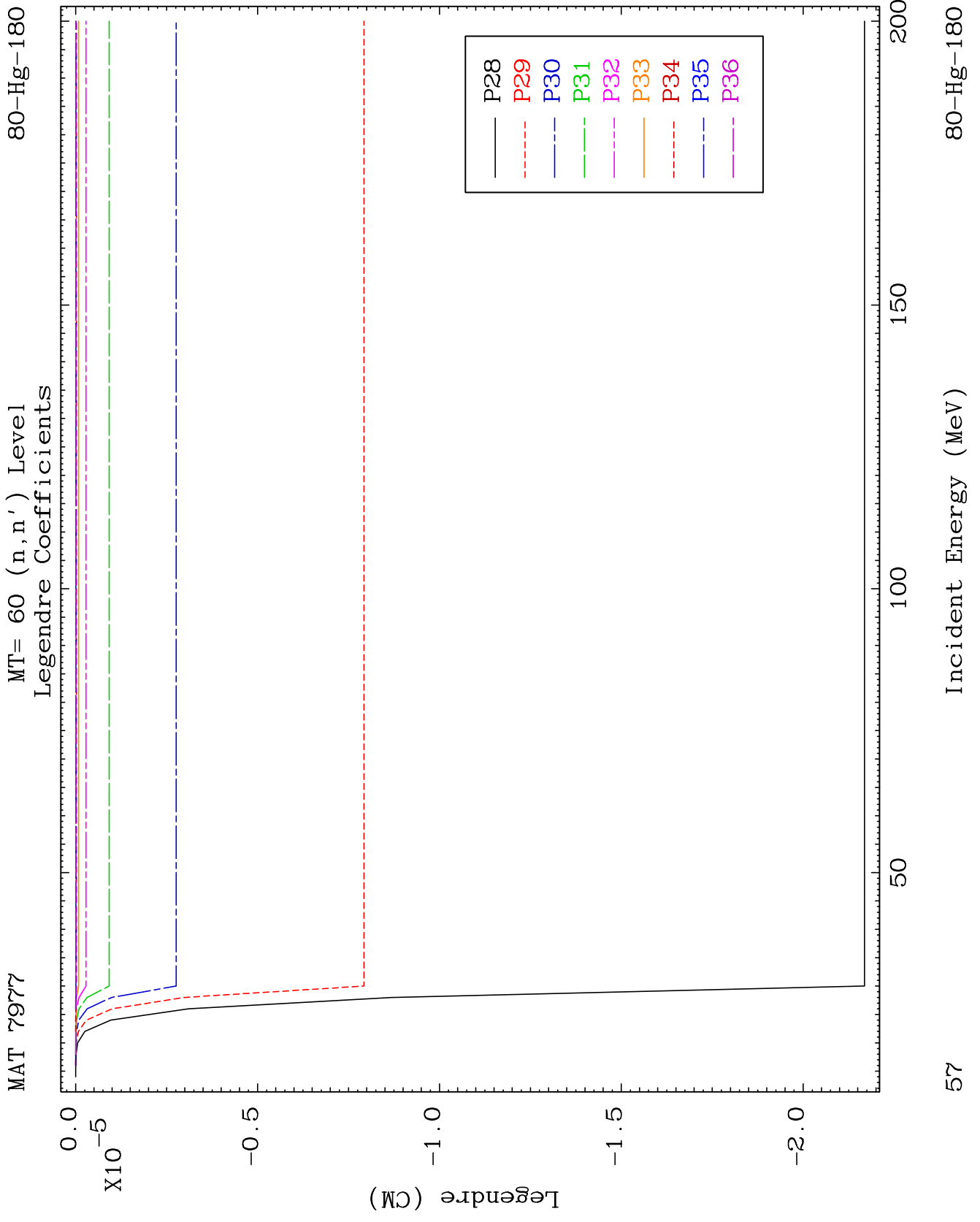
55

MAT 7977

MT= 60 (n,n') Level  
Legendre Coefficients

80-Hg-180



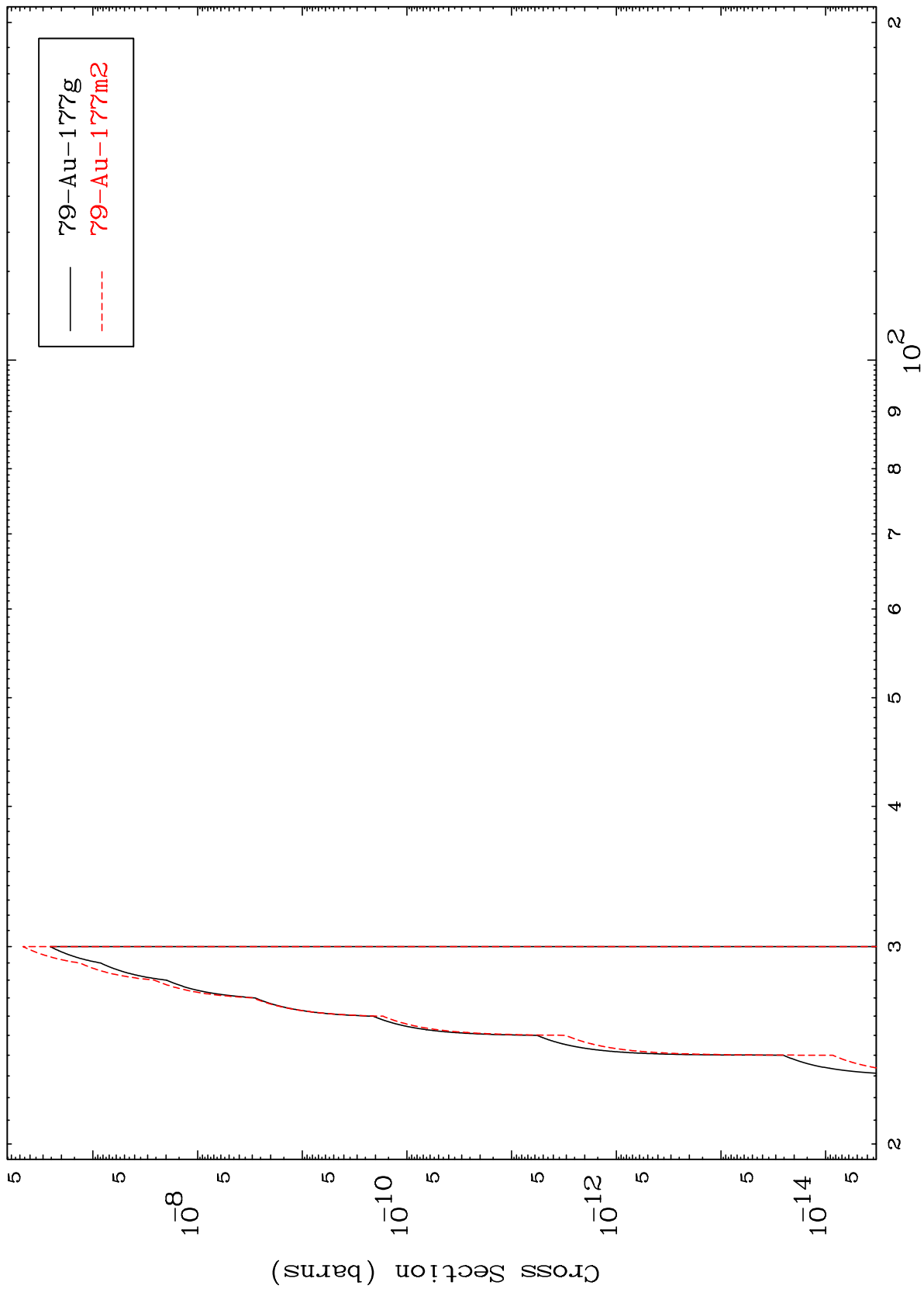


MAT 7977

(n,2n) d

80-Hg-180

Radionuclide Production Cross Section



58

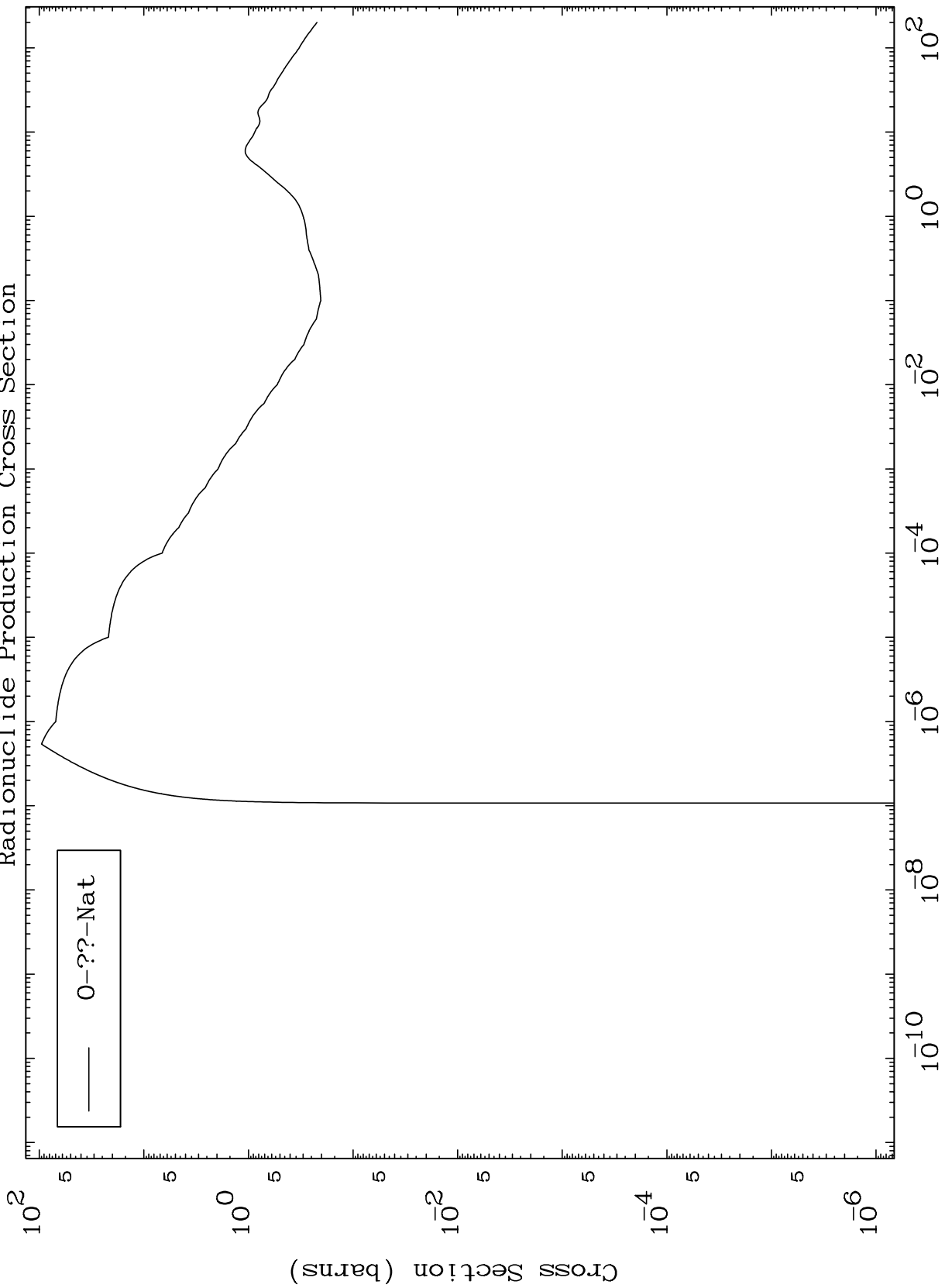
Incident Energy (MeV)

80-Hg-180

MAT 7977

80-Hg-180

Fission  
Radionuclide Production Cross Section

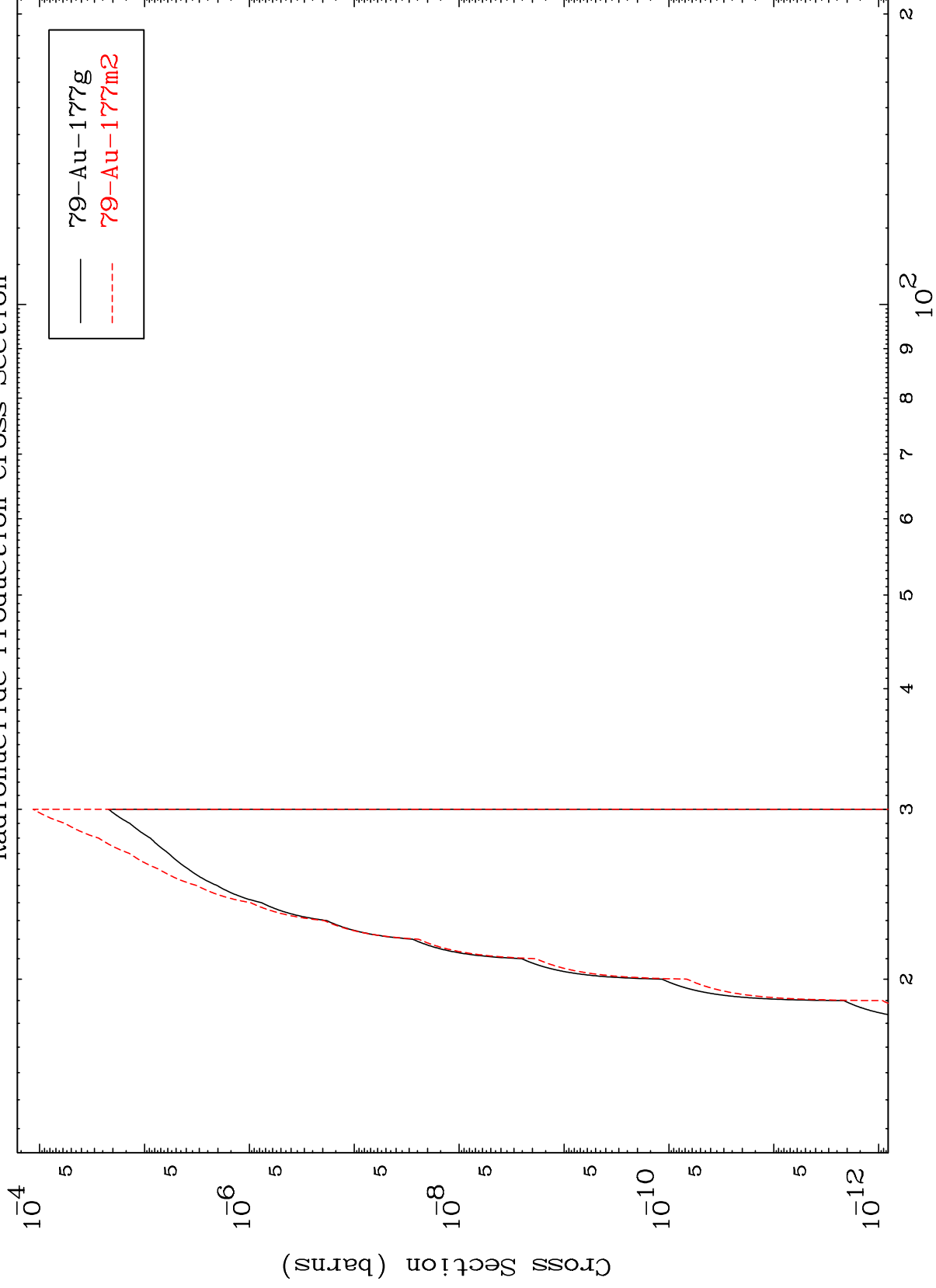


MAT 7977

(n,n') t

80-Hg-180

Radionuclide Production Cross Section



60

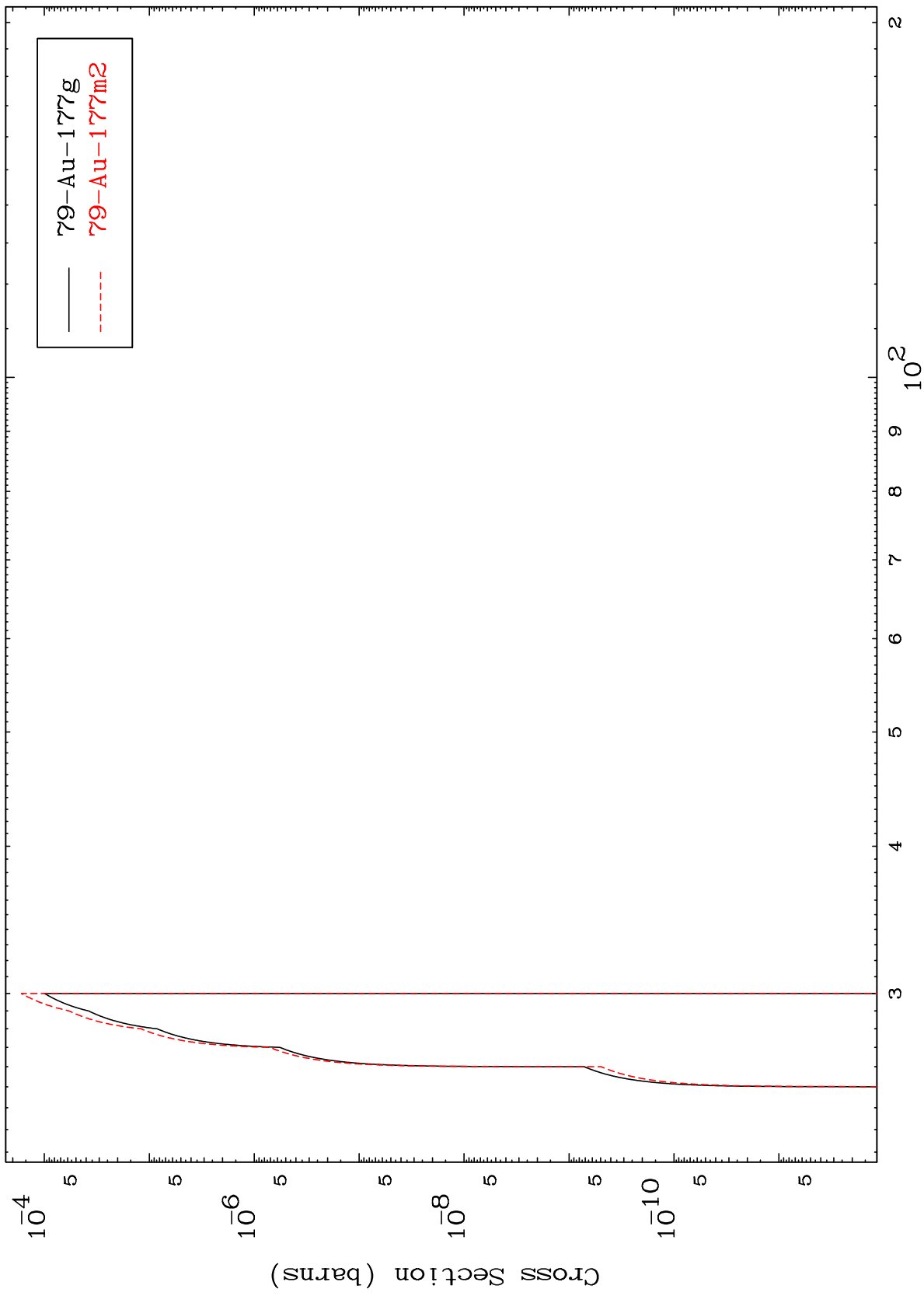
Incident Energy (MeV)

80-Hg-180

MAT 79777

80-Hg-180

(n,3n) p  
Radionuclide Production Cross Section



61

80-Hg-180

Incident Energy (MeV)